

* * * * * Welcome to STN International * * * * *

NEWS 1 OCT 1 Derwent Markush Resource (DWPIM) now available on STNnext(TM)
NEWS 2 NOV 27 Updates in RAPRA are resuming
NEWS 3 DEC 13 MARPAT Search Algorithm Updated
NEWS 4 DEC 20 2019 MeSH Version Now Available in MEDLINE on STN
NEWS 5 JAN 4 DWPI Manual Code revision in 2019
NEWS 6 JAN 17 First 2019 Emtree(R) update now available in Embase(TM)
NEWS 7 JAN 29 The 2019 Version of MEDLINE Now Available on STN(TM)
NEWS 8 FEB 4 INPADOC/INPAFAM: Major enhancements for PCT

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:55:46 ON 16 FEB 2019

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.40	0.40

FILE 'REGISTRY' ENTERED AT 10:56:03 ON 16 FEB 2019
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 FEB 2019 HIGHEST RN 2270968-73-3
DICTIONARY FILE UPDATES: 15 FEB 2019 HIGHEST RN 2270968-73-3

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy>

TSCA INFORMATION NOW CURRENT THROUGH April 2018.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

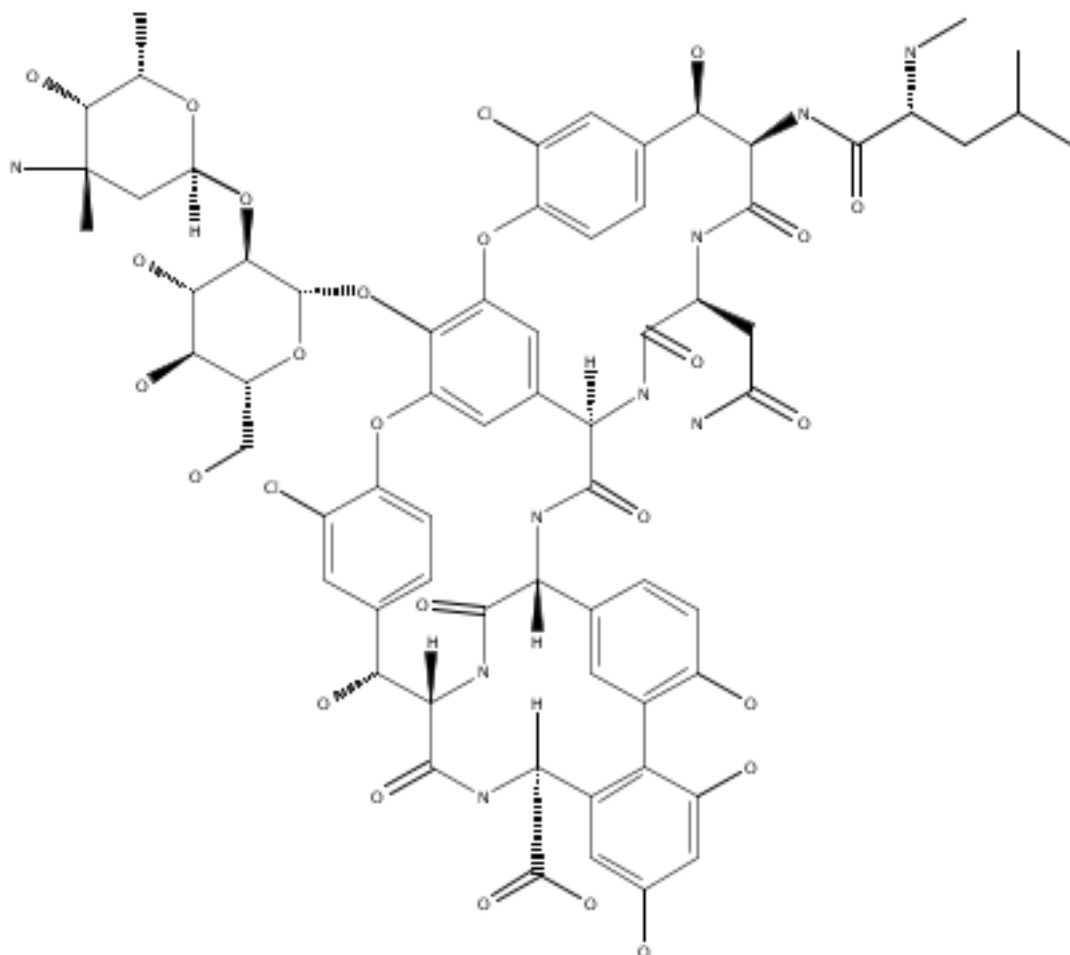
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

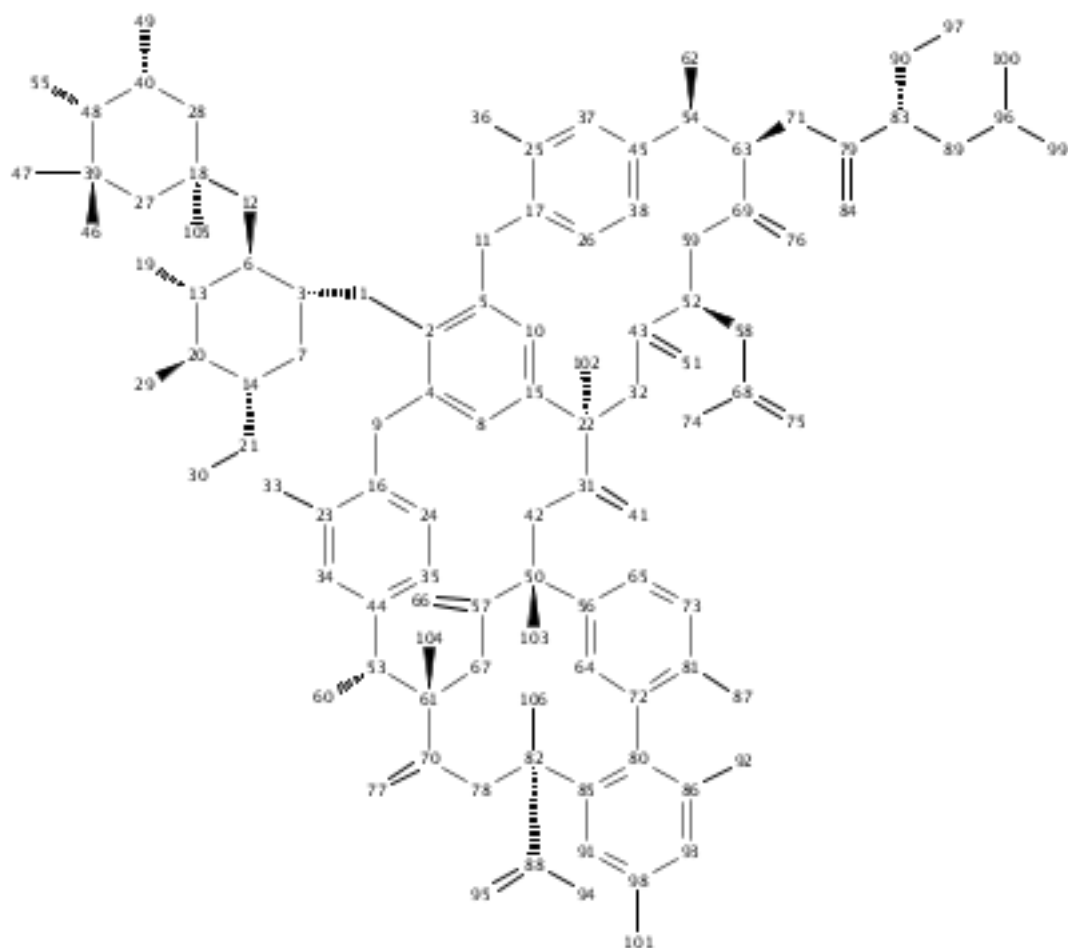
<http://www.cas.org/training/stn/database-specific>

=>

=>

Uploading structure file: 2019_0003_Structure





Node Attributes

Ring Nodes : 2 3 4 5 6 7 8 9 10 11 13 14 15 16 17 18 20 22 23
 24 25 26 27 28 31 32 34 35 37 38 39 40 42 43 44 45 48 50 52
 53 54 56 57 59 61 63 64 65 67 69 70 72 73 78 80 81 82 85 86
 91 93 98
 Chain Nodes : 1 12 19 21 29 30 33 36 41 46 47 49 51 55 58 60 62
 66 68 71 74 75 76 77 79 83 84 87 88 89 90 92 94 95 96 97 99
 100 101 102 103 104 105 106

Bond Attributes

Ring Bonds : 2-4 2-5 3-6 3-7 4-8 4-9 5-10 5-11 6-13 7-14 8-15 9-16 1
 0-15 11-17 13-20 14-20 15-22 16-23 16-24 17-25 17-26 18-27 18-28 22-3
 1 22-32 23-34 24-35 25-37 26-38 27-39 28-40 31-42 32-43 34-44 35-44
 37-45 38-45 39-48 40-48 42-50 43-52 44-53 45-54 50-56 50-57 52-59 53-
 61 54-63 56-64 56-65 57-67 59-69 61-67 61-70 63-69 64-72 65-73 70-78
 72-80 72-81 73-81 78-82 80-85 80-86 82-85 85-91 86-93 91-98 93-98
 Chain Bonds : 1-2 3-1 6-12 12-18 13-19 14-21 18-105 20-29 21-30 22-102
 23-33 25-36 31-41 39-46 39-47 40-49 43-51 48-55 50-103 52-58 53-60 5
 4-62 57-66 58-68 61-104 63-71 68-74 68-75 69-76 70-77 71-79 79-83 79-
 84 81-87 82-88 82-106 83-89 83-90 86-92 88-94 88-95 89-96 90-97 96-99
 96-100 98-101

Exact Bonds : 14-21 18-105 22-102 23-33 25-36 39-46 40-49 50-103 52-58
 58-68 61-104 79-83 82-88 82-106 83-89 89-96 96-99 96-100

Normalized Bonds : 2-4 2-5 4-8 5-10 8-15 10-15 16-23 16-24 17-25 17-26
 23-34 24-35 25-37 26-38 34-44 35-44 37-45 38-45 56-64 56-65 64-72 65-
 -73 72-81 73-81 80-85 80-86 85-91 86-93 91-98 93-98

Exact/Normalized Bonds : 1-2 3-1 3-6 3-7 4-9 5-11 6-12 6-13 7-14 9-16
 11-17 12-18 13-19 13-20 14-20 15-22 18-27 18-28 20-29 21-30 22-31 22-
 32 27-39 28-40 31-41 31-42 32-43 39-47 39-48 40-48 42-50 43-51 43-52
 44-53 45-54 48-55 50-56 50-57 52-59 53-60 53-61 54-62 54-63 57-66 57

-67 59-69 61-67 61-70 63-69 63-71 68-74 68-75 69-76 70-77 70-78 71-79
 72-80 78-82 79-84 81-87 82-85 83-90 86-92 88-94 88-95 90-97 98-101
 Markush Attributes
 Match Level (ATOM) : 2 3 4 5 6 7 8 9 10 11 13 14 15 16 17 18 20
 22 23 24 25 26 27 28 31 32 34 35 37 38 39 40 42 43 44 45 48
 50 52 53 54 56 57 59 61 63 64 65 67 69 70 72 73 78 80 81 82
 85 86 91 93 98
 Match Level (CLASS) : 1 12 19 21 29 30 33 36 41 46 47 49 51 55 58
 60 62 66 68 71 74 75 76 77 79 83 84 87 88 89 90 92 94 95 96
 97 99 100 101 102 103 104 105 106
 Element Count Level (LIMITED) : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 1
 5 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 3
 5 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 5
 5 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 7
 5 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 9
 5 96 97 98 99 100 101 102 103 104 105 106

L1 STRUCTURE UPLOADED

=> S L1

SAMPLE SEARCH INITIATED 10:58:57
 SAMPLE SCREEN SEARCH COMPLETED - 448 TO ITERATE

100.0% PROCESSED 448 ITERATIONS 50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 7691 TO 10229
 PROJECTED ANSWERS: 1812 TO 3148

L2 50 SEA SSS SAM L1

=> S L1 EXA FULL

FULL SEARCH INITIATED 11:02:54
 FULL SCREEN SEARCH COMPLETED - 1638 TO ITERATE

100.0% PROCESSED 1638 ITERATIONS 3 ANSWERS

SEARCH TIME: 00.00.01

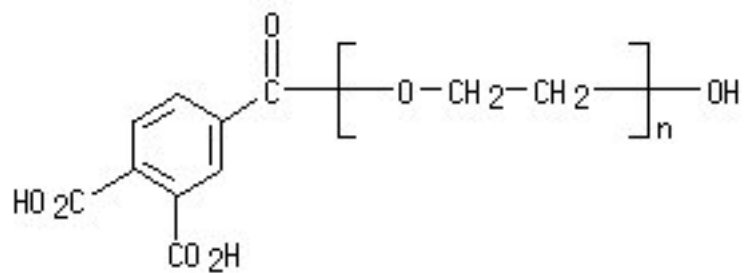
L3 3 SEA EXA FUL L1

=> D L3 1-3

L3 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 1205553-35-0 REGISTRY
 ED Entered STN: 10 Feb 2010
 CN Poly(oxy-1,2-ethanediyl), α -(3,4-dicarboxybenzoyl)- ω -hydroxy-,
 N3'''-amide with vancomycin (CA INDEX NAME)
 FS STEREOSEARCH
 MF (C2 H4 O)n C75 H79 Cl2 N9 O29
 CI IDS
 PCT Polyether
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

CRN 61671-92-9
 CMF (C2 H4 O)n C9 H6 O6
 CCI PMS



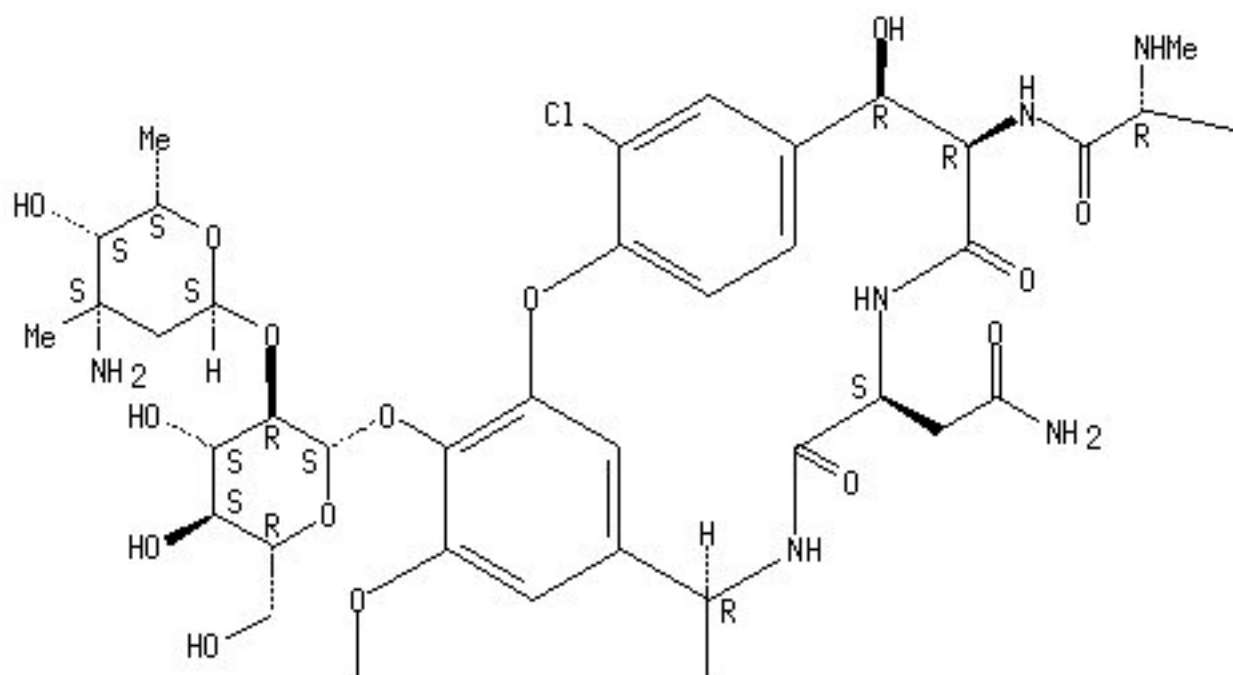
CM 2

CRN 1404-90-6
CMF C66 H75 Cl2 N9 O24

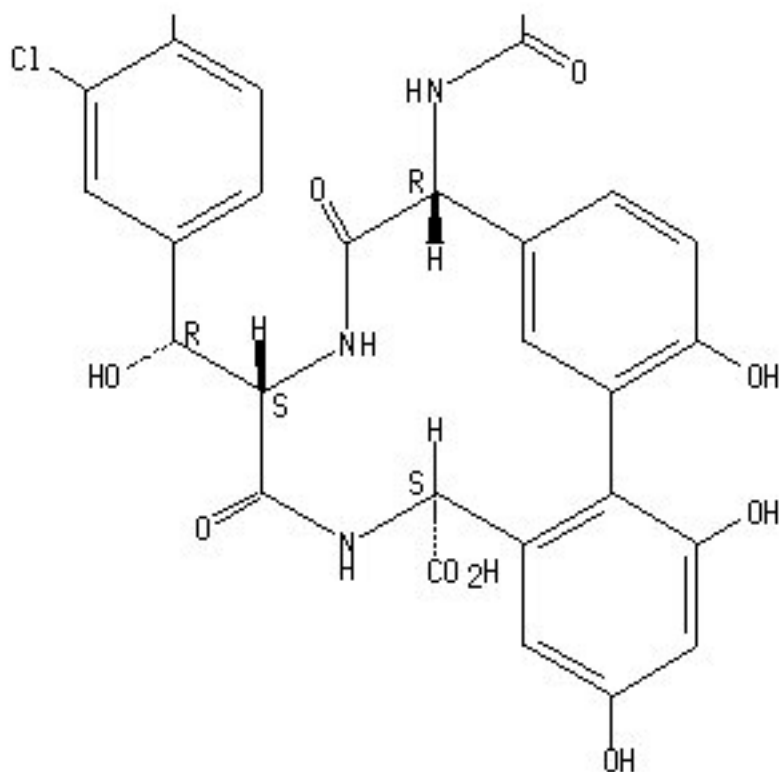
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A



Bu-i



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 77171-66-5 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Vancomycin, mono(propanoate-t5) (ester) (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 22H-8,11:18,21-Dietheno-23,36-(iminomethano)-13,16:31,35-dimetheno-1H,16H-[1,6,9]oxadiazacyclohexadecino[4,5-m][10,2,16]benzoxadiazacyclotetracosine, vancomycin deriv.
 FS STEREOSEARCH
 MF C69 H74 Cl2 N9 O25 T5
 CI IDS
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER

CM 1

CRN 77124-65-3
CMF C3 H O2 T5

T3C-CT2-CO2H

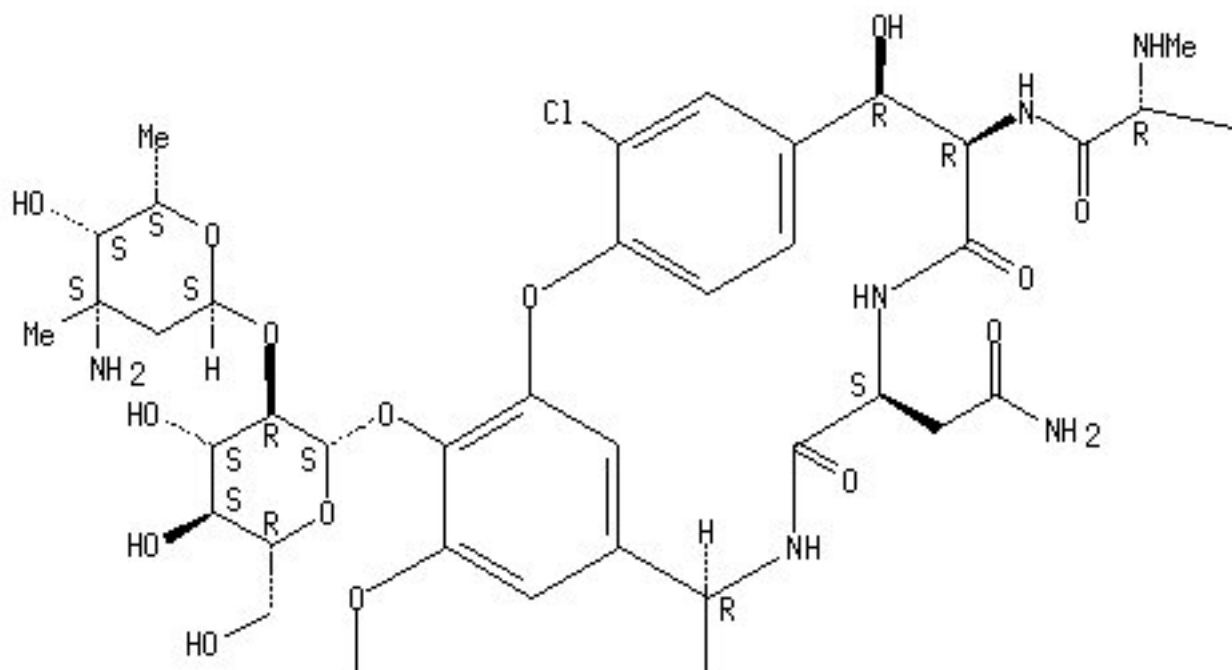
CM 2

CRN 1404-90-6
CMF C66 H75 Cl2 N9 O24

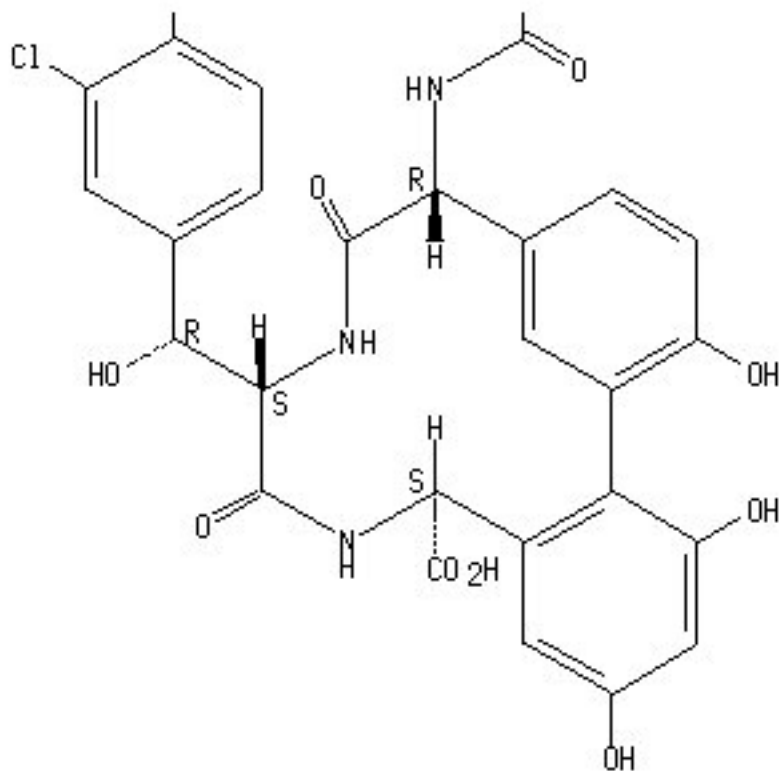
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2019 ACS on STN

RN 1404-90-6 REGISTRY

ED Entered STN: 16 Nov 1984

CN Vancomycin (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 22H-8,11:18,21-Dietheno-23,36-(iminomethano)-13,16:31,35-dimetheno-1H,16H-[1,6,9]oxadiazacyclohexadecino[4,5-m][10,2,16]benzoxadiazacyclotetracosine, vancomycin deriv.

OTHER NAMES:

CN 22H-8,11:18,21-Dietheno-23,36-(iminomethano)-13,16:31,35-dimetheno-1H,16H-[1,6,9]oxadiazacyclohexadecino[4,5-m][10,2,16]benzoxadiazacyclotetracosine-26-carboxylic acid, 3-(2-amino-2-oxoethyl)-44-[[2-O-(3-amino-2,3,6-trideoxy-3-C-methyl-α-L-lyxo-hexopyranosyl)-β-D-glucopyranosyl]oxy]-10,19-dichloro-2,3,4,5,6,7,23,24,25,26,36,37,38,38a-tetradecahydro-7,22,28,30,32-pentahydroxy-6-[[4-methyl-2-(methylamino)-1-oxopentyl]amino]-2,5,24,38,39-pentaexo-, (3S,6R,7R,22R,23S,26S,36R,38aR)-

CN 22H-8,11:18,21-Dietheno-23,36-(iminomethano)-13,16:31,35-dimetheno-1H,16H-[1,6,9]oxadiazacyclohexadecino[4,5-m][10,2,16]benzoxadiazacyclotetracosine-26-carboxylic acid, 3-(2-amino-2-oxoethyl)-44-[[2-O-(3-amino-2,3,6-trideoxy-3-C-methyl-α-L-lyxo-hexopyranosyl)-β-D-

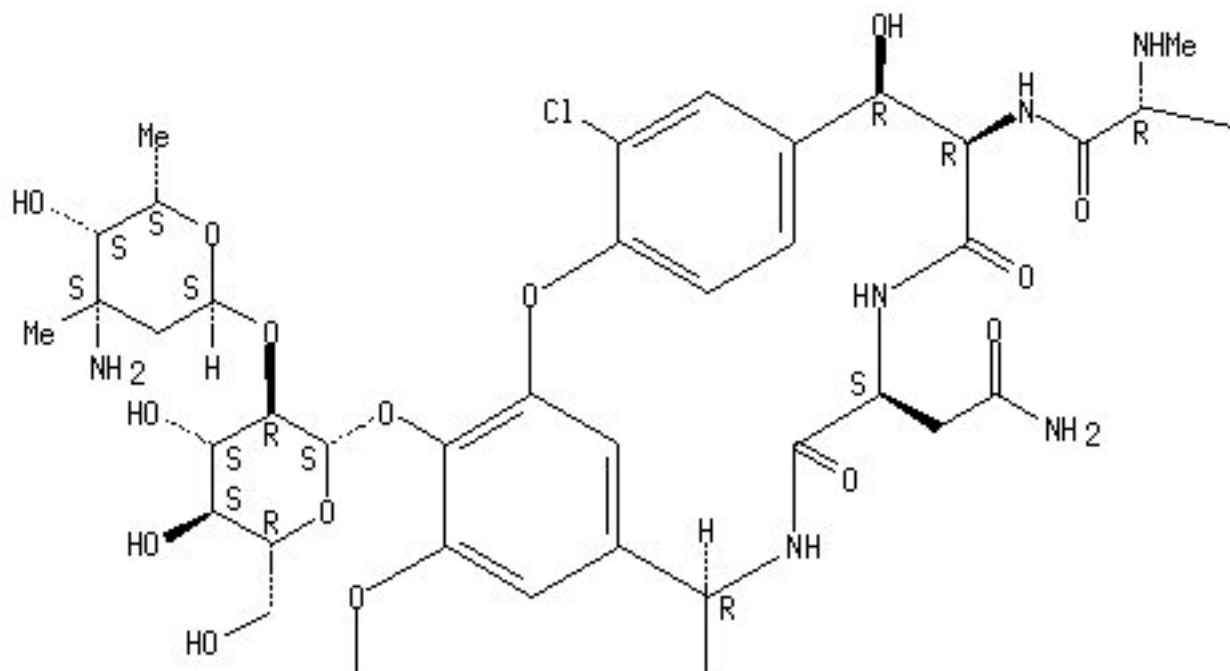
glucopyranosyl]oxy]-10,19-dichloro-2,3,4,5,6,7,23,24,25,26,36,37,38,38a-tetradecahydro-7,22,28,30,32-pentahydroxy-6-[[(2R)-4-methyl-2-(methylamino)-1-oxopentyl]amino]-2,5,24,38,39-pentaoxo-, (3S,6R,7R,22R,23S,26S,36R,38aR)-

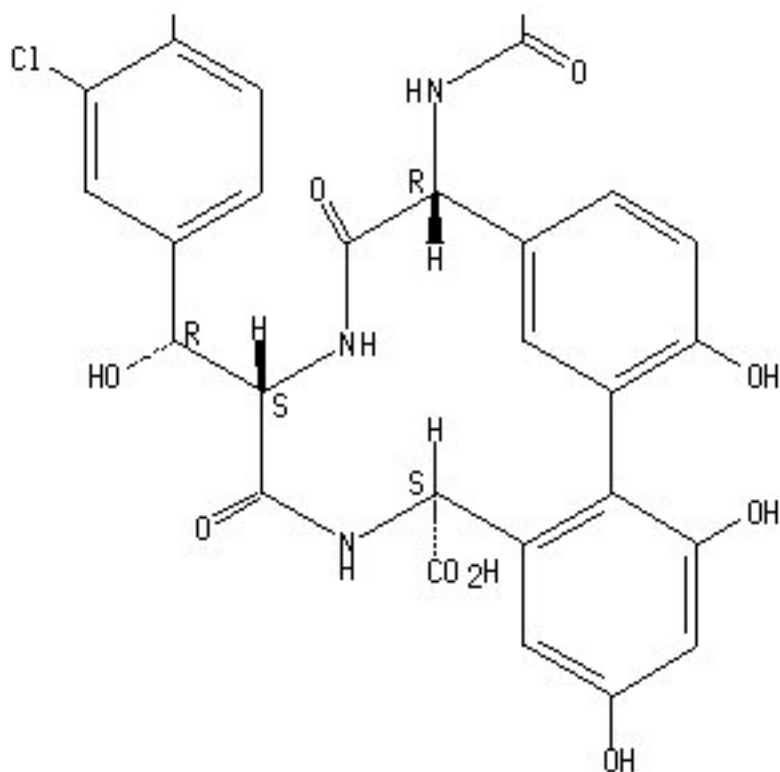
CN Diatracin
CN VANCO-cell
CN Vancocin
CN Vancocin CP
CN Vancocine
CN Vancoled
CN Vancoplus
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C66 H75 Cl2 N9 O24
CI COM
SR CA
LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BIOSIS, BIOTECHNO, CA, CABA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, DDFU, DRUGU, EMBASE, IFIALL, IMSRESEARCH, IPA, MEDLINE, NAPRALERT, PIRA, PS, REAXYSFILE*, RTECS*, TOXCENTER, USPAT2, USPATFULL, USPATOLD, VETU
(*File contains numerically searchable property data)
Other Sources: EINECS**, WHO
(**Enter CHEMLIST File for up-to-date regulatory information)

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A





24455 REFERENCES IN FILE CA (1907 TO DATE)
324 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
25212 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FILE CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

162.29

162.69

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FILE COVERS 1907 - 16 Feb 2019 VOL 170 ISS 10
FILE LAST UPDATED: 15 Feb 2019 (20190215/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2015
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2015

CAPLUS now includes the comprehensive Cooperative Patent Classification (CPC). See HELP CPC for details.

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<http://www.cas.org/legal/infopolicy>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L3

L4 25212 L3

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.07	165.76

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DICTIONARY FILE UPDATES: 15 FEB 2019 HIGHEST RN 2270968-73-3

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TSCA INFORMATION NOW CURRENT THROUGH April 2018.

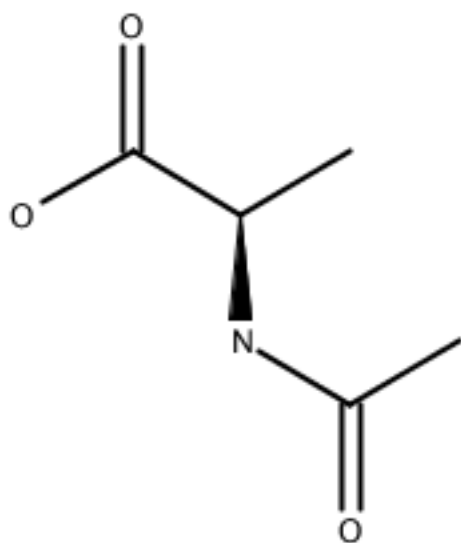
Please note that search-term pricing does apply when conducting SmartSELECT searches.

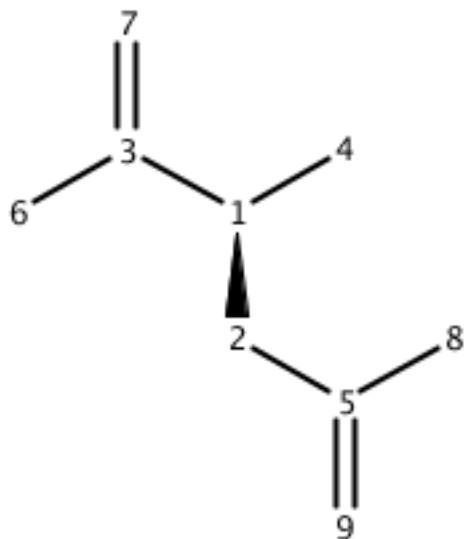
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/training/stn/database-specific>

=>

=>
Uploading structure file: 2019_0004_Structure





Node Attributes
 Chain Nodes : 1 2 3 4 5 6 7 8 9
 Bond Attributes
 Chain Bonds : 1-2 1-3 1-4 2-5 3-6 3-7 5-8 5-9
 Exact Bonds : 1-3 1-4 5-8
 Exact/Normalized Bonds : 1-2 2-5 3-6 3-7 5-9
 Markush Attributes
 Match Level (CLASS) : 1 2 3 4 5 6 7 8 9
 Element Count Level (LIMITED) : 1 2 3 4 5 6 7 8 9

L5 STRUCTURE UPLOADED

=> S L5 EXA FULL

FULL SEARCH INITIATED 11:09:16

FULL SCREEN SEARCH COMPLETED - 134 TO ITERATE

100.0% PROCESSED 134 ITERATIONS

21 ANSWERS

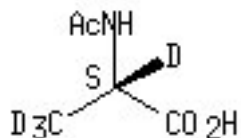
SEARCH TIME: 00.00.01

L6 21 SEA EXA FUL L5

=> D L6 1-10

L6 ANSWER 1 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 2230887-18-8 REGISTRY
 ED Entered STN: 17 Jul 2018
 CN INDEX NAME NOT YET ASSIGNED
 FS STEREOSEARCH
 MF C5 H5 D4 N O3
 SR CA
 LC STN Files: CA, CAPLUS

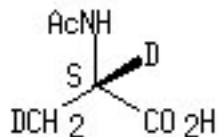
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

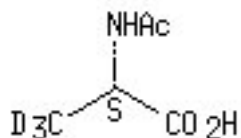
L6 ANSWER 2 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 1821730-38-4 REGISTRY
 ED Entered STN: 03 Dec 2015
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 SR Chemical Catalog
 Supplier: FCH Group

Absolute stereochemistry.



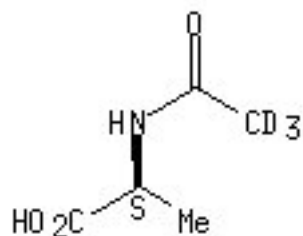
L6 ANSWER 3 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 1485548-36-4 REGISTRY
 ED Entered STN: 02 Dec 2013
 CN INDEX NAME NOT YET ASSIGNED
 FS STEREOSEARCH
 MF C5 H6 D3 N O3
 SR Chemical Catalog
 Supplier: Sigma-Aldrich
 LC STN Files: CHEMCATS

Absolute stereochemistry.



L6 ANSWER 4 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 1038908-38-1 REGISTRY
 ED Entered STN: 06 Aug 2008
 CN L-Alanine, N-(acetyl-2,2,2-d3)- (CA INDEX NAME)
 FS STEREOSEARCH
 MF C5 H6 D3 N O3
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

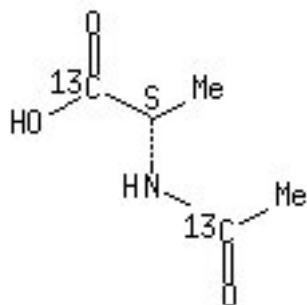
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 5 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 669776-13-0 REGISTRY
 ED Entered STN: 01 Apr 2004
 CN L-Alanine-1-13C, N-(acetyl-1-13C)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C5 H9 N O3
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

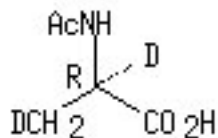


1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 6 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 336614-04-1 REGISTRY
 ED Entered STN: 18 May 2001
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 FS STEREOSEARCH
 MF C5 H7 D2 N O3

SR CA
LC STN Files: CA, CAPLUS

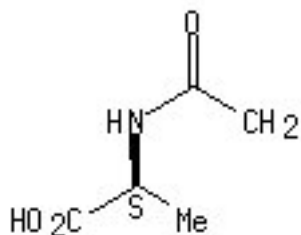
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 7 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
RN 220254-47-7 REGISTRY
ED Entered STN: 07 Mar 1999
CN Ethyl, 2-[[[(1S)-1-carboxyethyl]amino]-2-oxo- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C5 H8 N O3
SR CA
LC STN Files: CA, CAPLUS

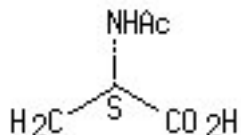
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 8 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
RN 220254-46-6 REGISTRY
ED Entered STN: 07 Mar 1999
CN Ethyl, 2-(acetylamino)-2-carboxy-, (2S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C5 H8 N O3
SR CA
LC STN Files: CA, CAPLUS

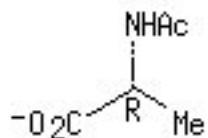
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 9 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
RN 173043-44-2 REGISTRY
ED Entered STN: 08 Feb 1996
CN D-Alanine, N-acetyl-, ion(1-) (CA INDEX NAME)
FS STEREOSEARCH
DR 444772-34-3
MF C5 H8 N O3
CI COM
SR CA
LC STN Files: CA, CAPLUS

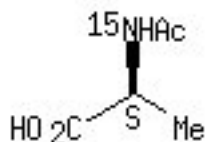
Absolute stereochemistry.



7 REFERENCES IN FILE CA (1907 TO DATE)
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 10 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
RN 151838-61-8 REGISTRY
ED Entered STN: 17 Dec 1993
CN L-Alanine-15N, N-acetyl- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C5 H9 N O3
SR CA
LC STN Files: CA, CAPLUS

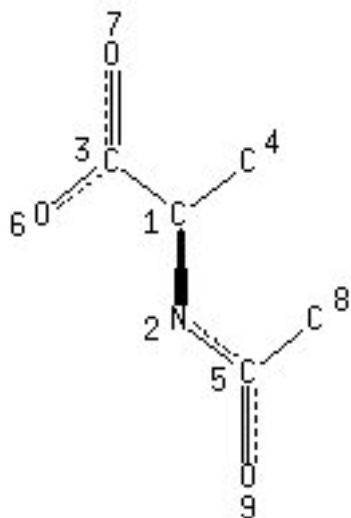
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> D L5 11-21

L5 HAS NO ANSWERS
L5 STR



NODE ATTRIBUTES:

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NSPEC   IS C      AT    3
NSPEC   IS C      AT    4
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NSPEC   IS C      AT    8
NSPEC   IS C      AT    9
DEFAULT MLEVEL IS ATOM
MLEVEL   IS CLASS AT    1    2    3    4    5    6    7    8    9
DEFAULT ECLEVEL IS LIMITED
  
```

GRAPH ATTRIBUTES:

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RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS    9
  
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STEREO ATTRIBUTES:

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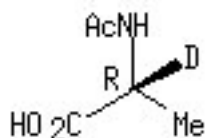
STEREO DEFAULT RELATIVE
NUMBER OF CHIRAL CENTERS IS 1
SS1  REL 1
  
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=> D L6 11-21

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L6   ANSWER 11 OF 21  REGISTRY  COPYRIGHT 2019 ACS on STN
RN   136684-43-0  REGISTRY
ED   Entered STN:   11 Oct 1991
CN   D-Alanine-2-d, N-acetyl- (9CI)  (CA INDEX NAME)
FS   STEREOSEARCH
MF   C5 H8 D N O3
SR   CA
LC   STN Files:   CA, CAPLUS, REAXYSFILE*
      (*File contains numerically searchable property data)
  
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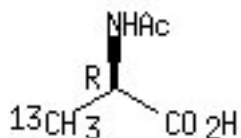
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 12 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
RN 133665-47-1 REGISTRY
ED Entered STN: 10 May 1991
CN D-Alanine-3-¹³C, N-acetyl- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C5 H9 N O3
SR CA
LC STN Files: CA, CAPLUS

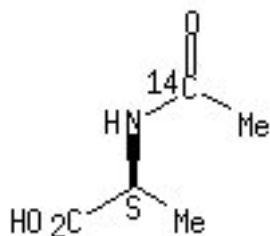
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 13 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
RN 122456-95-5 REGISTRY
ED Entered STN: 01 Sep 1989
CN L-Alanine, N-(acetyl-1-¹⁴C)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C5 H9 N O3
SR CA
LC STN Files: CA, CAPLUS

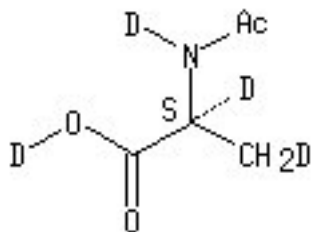
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 14 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
RN 74929-90-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN L-Alanine-N,1,2,3-d₄, N-acetyl- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C5 H5 D₄ N O₃
SR CA
LC STN Files: CA, CAPLUS

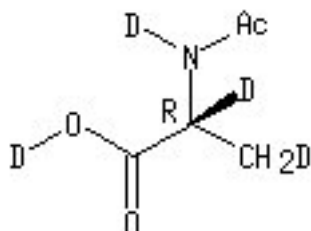
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 15 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
RN 74929-89-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN D-Alanine-N,1,2,3-d4, N-acetyl- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C5 H5 D4 N O3
SR CA
LC STN Files: CA, CAPLUS

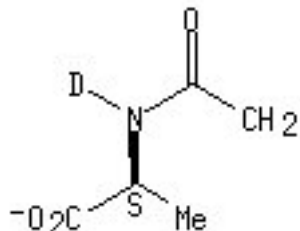
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 16 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
RN 71996-74-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN Ethyl, 2-[(1-carboxyethyl)amino-d]-2-oxo-, ion(1-), (S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C5 H6 D N O3
SR CA
LC STN Files: CA, CAPLUS

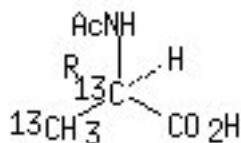
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 17 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
RN 70753-84-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN D-Alanine-2,3-¹³C₂, N-acetyl- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C5 H9 N O3
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

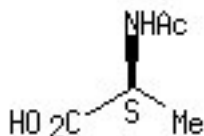
L6 ANSWER 18 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
RN 34571-83-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN Alanine, N-acetyl-, polymers-, L- (8CI) (CA INDEX NAME)
OTHER NAMES:
CN Poly(α-acetyldehydroalanine)
FS STEREOSEARCH
MF (C5 H9 N O3)_x
CI PMS
PCT Polyamide, Polyamide formed
LC STN Files: CA, CAPLUS

CM 1

CRN 97-69-8

CMF C5 H9 N O3

Absolute stereochemistry. Rotation (-).

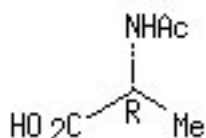


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 19 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
RN 19436-52-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN D-Alanine, N-acetyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Alanine, N-acetyl-, D- (8CI)

CN N-Acetyl-D-alanine
 OTHER NAMES:
 CN (R)-(+)-N-Acetylalanine
 CN (R)-2-(Acetylamino)propanoic acid
 CN (R)-N-Acetylalanine
 CN Acetyl-D-alanine
 CN NSC 203819
 FS STEREOSEARCH
 DR 934480-37-2
 MF C5 H9 N O3
 CI COM
 SR CA
 LC STN Files: BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, IFIALL,
 REAXYSFILE*, TOXCENTER, USPAT2, USPATFULL, USPATOLD
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (+).

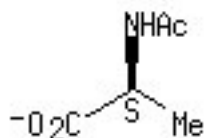


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

296 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 297 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 20 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 17332-95-5 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN L-Alanine, N-acetyl-, ion(1-) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Alanine, N-acetyl-, ion(1-), L- (8CI)
 FS STEREOSEARCH
 DR 444772-31-0
 MF C5 H8 N O3
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, REAXYSFILE*
 (*File contains numerically searchable property data)

Absolute stereochemistry.

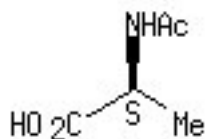


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10 REFERENCES IN FILE CA (1907 TO DATE)
 10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 21 OF 21 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 97-69-8 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN L-Alanine, N-acetyl- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Alanine, N-acetyl-, L- (6CI, 8CI)
 CN N-Acetyl-L-alanine
 OTHER NAMES:
 CN (S)-(-)-N-Acetylalanine
 CN (S)-N-Acetylalanine
 CN Acetyl-L-alanine
 CN Acetylalanine
 CN L-N-Acetylalanine
 CN N-Acetyl-(S)-alanine
 CN N-Acetylalanine
 CN NSC 186892
 FS STEREOSEARCH
 MF C5 H9 N O3
 CI COM
 SR CA
 LC STN Files: ANABSTR, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,
 IFIALL, MEDLINE, REAXYSFILE*, TOXCENTER, USPAT2, USPATFULL, USPATOLD
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (-).



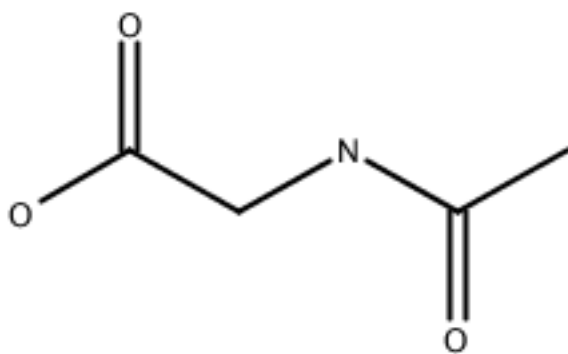
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

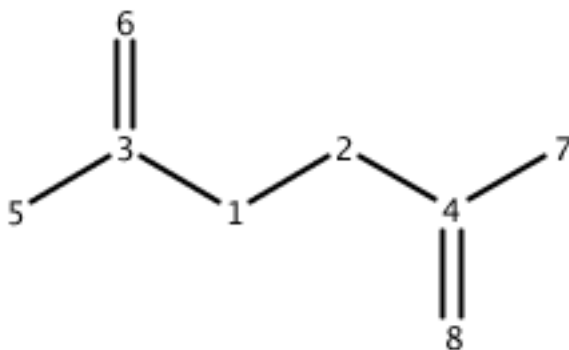
916 REFERENCES IN FILE CA (1907 TO DATE)
 15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 928 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

=>

Uploading structure file: 2019_0005_Structure





```

Node Attributes
Chain Nodes : 1  2  3  4  5  6  7  8
Bond Attributes
Chain Bonds : 1-2  1-3  2-4  3-5  3-6  4-7  4-8
Exact Bonds : 1-3  4-7
Exact/Normalized Bonds : 1-2  2-4  3-5  3-6  4-8
Markush Attributes
Match Level (CLASS) : 1  2  3  4  5  6  7  8
Element Count Level (LIMITED) : 1  2  3  4  5  6  7  8

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L7 STRUCTURE UPLOADED

=> S L7 EXA FULL

FULL SEARCH INITIATED 11:13:16

FULL SCREEN SEARCH COMPLETED - 316 TO ITERATE

100.0% PROCESSED 316 ITERATIONS

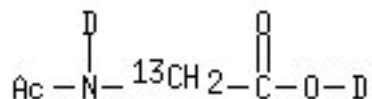
49 ANSWERS

SEARCH TIME: 00.00.01

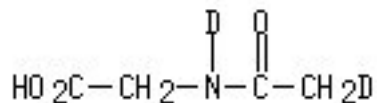
L8 49 SEA EXA FUL L7

=> D L8 1-49

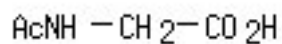
L8 ANSWER 1 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 1822909-31-8 REGISTRY
 ED Entered STN: 04 Dec 2015
 CN INDEX NAME NOT YET ASSIGNED
 MF C4 H5 D2 N O3
 SR Chemical Catalog
 Supplier: FCH Group



L8 ANSWER 2 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 1822697-28-8 REGISTRY
 ED Entered STN: 04 Dec 2015
 CN INDEX NAME NOT YET ASSIGNED
 MF C4 H5 D2 N O3
 SR Chemical Catalog
 Supplier: FCH Group

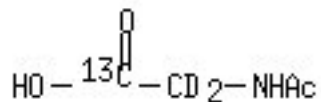


L8 ANSWER 3 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 1807769-30-7 REGISTRY
 ED Entered STN: 21 Sep 2015
 CN Glycine, N-acetyl-, radical ion(1+) (CA INDEX NAME)
 MF C4 H7 N O3
 CI RIS
 SR CA
 LC STN Files: CA, CAPLUS



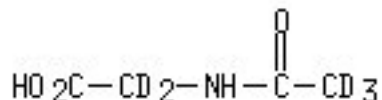
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 4 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 1340594-78-6 REGISTRY
 ED Entered STN: 04 Nov 2011
 CN Glycine-1-¹³C-2,2-d₂, N-acetyl- (CA INDEX NAME)
 MF C4 H5 D2 N O3
 SR CA
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

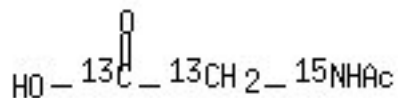


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 5 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 1219805-82-9 REGISTRY
ED Entered STN: 21 Apr 2010
CN INDEX NAME NOT YET ASSIGNED
MF C4 H2 D5 N O3
SR Chemical Catalog
Supplier: C D N Isotopes Inc.
LC STN Files: CHEMCATS

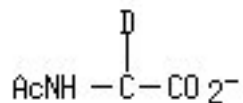


L8 ANSWER 6 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 1202222-42-1 REGISTRY
ED Entered STN: 14 Jan 2010
CN Glycine-1,2-¹³C₂-¹⁵N, N-acetyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN N-Acetylglycine-1,2-¹³C₂-¹⁵N
MF C4 H7 N O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT, CHEMCATS



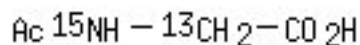
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 7 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 917963-77-0 REGISTRY
ED Entered STN: 22 Jan 2007
CN Methyl-d, (acetylamino)carboxy-, ion(1-) (9CI) (CA INDEX NAME)
MF C4 H4 D N O3
SR CA
LC STN Files: CA, CAPLUS



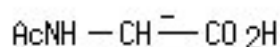
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 8 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 866550-41-6 REGISTRY
ED Entered STN: 02 Nov 2005
CN Glycine-2-¹³C-¹⁵N, N-acetyl- (9CI) (CA INDEX NAME)
MF C4 H7 N O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT



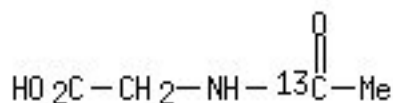
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 9 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 782482-97-7 REGISTRY
ED Entered STN: 17 Nov 2004
CN Glycine, N-acetyl-, ion(1-) (CA INDEX NAME)
MF C4 H6 N O3
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

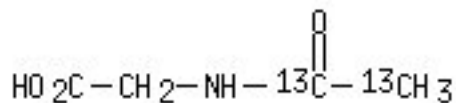
L8 ANSWER 10 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 443680-73-7 REGISTRY
ED Entered STN: 12 Aug 2002
CN Glycine, N-(acetyl-1-¹³C)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN N-(Acetyl-1-¹³C)glycine
MF C4 H7 N O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT



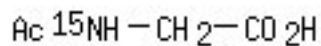
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 11 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 328385-68-8 REGISTRY
ED Entered STN: 22 Mar 2001
CN Glycine, N-(acetyl- $^{13}\text{C}_2$)- (9CI) (CA INDEX NAME)
MF C4 H7 N O3
SR CAS Client Services

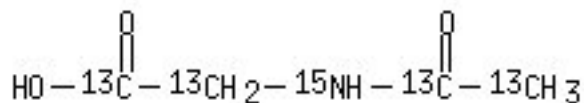


L8 ANSWER 12 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 241125-79-1 REGISTRY
ED Entered STN: 24 Sep 1999
CN Glycine- ^{15}N , N-acetyl-, labeled with carbon-13 (9CI) (CA INDEX NAME)
MF C4 H7 N O3
SR CA
LC STN Files: CA, CAPLUS
IL XC-13



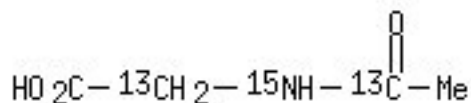
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 13 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 241125-78-0 REGISTRY
ED Entered STN: 24 Sep 1999
CN Glycine- $^{13}\text{C}_2$ - ^{15}N , N-(acetyl- $^{13}\text{C}_2$)- (9CI) (CA INDEX NAME)
MF C4 H7 N O3
SR CA
LC STN Files: CA, CAPLUS



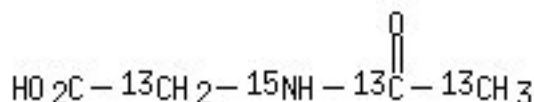
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 14 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 241125-77-9 REGISTRY
 ED Entered STN: 24 Sep 1999
 CN Glycine-2-13C-15N, N-(acetyl-1-13C)- (9CI) (CA INDEX NAME)
 MF C4 H7 N O3
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 15 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 241125-66-6 REGISTRY
 ED Entered STN: 24 Sep 1999
 CN Glycine-2-13C-15N, N-(acetyl-13C2)- (9CI) (CA INDEX NAME)
 MF C4 H7 N O3
 SR CA
 LC STN Files: CA, CAPLUS

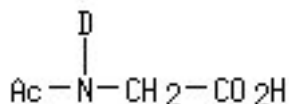


1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 16 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 192878-45-8 REGISTRY
 ED Entered STN: 21 Aug 1997
 CN Glycine-N-d, N-acetyl-, homopolymer (9CI) (CA INDEX NAME)
 MF (C4 H6 D N O3)x
 CI PMS
 PCT Polyamide, Polyamide formed
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

CRN 121988-88-3
 CMF C4 H6 D N O3

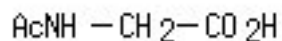


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

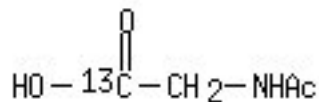
L8 ANSWER 17 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 181702-02-3 REGISTRY
ED Entered STN: 10 Oct 1996
CN Glycine, N-acetyl-, dimer (9CI) (CA INDEX NAME)
MF (C4 H7 N O3)2
CI PMS, COM
SR CA

CM 1

CRN 543-24-8
CMF C4 H7 N O3

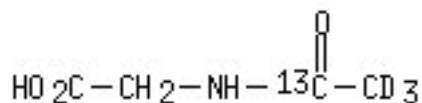


L8 ANSWER 18 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 170114-91-7 REGISTRY
ED Entered STN: 15 Nov 1995
CN Glycine-1-13C, N-acetyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN N-Acetylglycine-1-13C
OTHER NAMES:
CN N-Acetyl-1-13C-glycine
MF C4 H7 N O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPAT2, USPATFULL



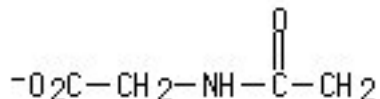
7 REFERENCES IN FILE CA (1907 TO DATE)
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 19 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 156083-28-2 REGISTRY
ED Entered STN: 01 Jul 1994
CN Glycine, N-(acetyl-1-13C-2,2,2-d3)- (9CI) (CA INDEX NAME)
MF C4 H4 D3 N O3
SR CA
LC STN Files: CA, CAPLUS



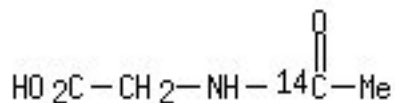
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 20 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 140668-51-5 REGISTRY
ED Entered STN: 17 Apr 1992
CN Ethyl, 2-[(carboxymethyl)amino]-2-oxo-, ion(1-) (CA INDEX NAME)
MF C4 H5 N O3
SR CA
LC STN Files: CA, CAPLUS, REAXYSFILE*
(*File contains numerically searchable property data)



2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 21 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 122456-96-6 REGISTRY
ED Entered STN: 01 Sep 1989
CN Glycine, N-(acetyl-1-14C)- (9CI) (CA INDEX NAME)
MF C4 H7 N O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT

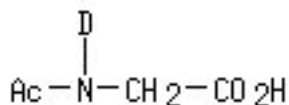


2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 22 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 121988-91-8 REGISTRY
ED Entered STN: 04 Aug 1989
CN Glycine-N-d, N-acetyl-, pentamer (9CI) (CA INDEX NAME)
MF (C4 H6 D N O3)5
CI PMS
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 121988-88-3
CMF C4 H6 D N O3

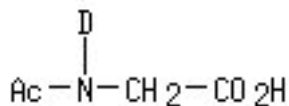


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 23 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 121988-90-7 REGISTRY
ED Entered STN: 04 Aug 1989
CN Glycine-N-d, N-acetyl-, tetramer (9CI) (CA INDEX NAME)
MF (C4 H6 D N O3)4
CI PMS
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 121988-88-3
CMF C4 H6 D N O3

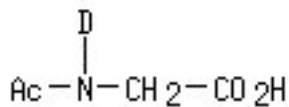


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 24 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 121988-89-4 REGISTRY
ED Entered STN: 04 Aug 1989
CN Glycine-N-d, N-acetyl-, trimer (9CI) (CA INDEX NAME)
MF (C4 H6 D N O3)3
CI PMS
SR CA
LC STN Files: CA, CAPLUS

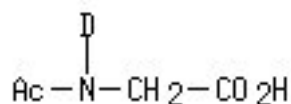
CM 1

CRN 121988-88-3
CMF C4 H6 D N O3



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 25 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 121988-88-3 REGISTRY
ED Entered STN: 04 Aug 1989
CN Glycine-N-d, N-acetyl- (9CI) (CA INDEX NAME)
MF C4 H6 D N O3
CI COM
SR CA
LC STN Files: CA, CAPLUS

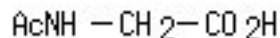


2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 26 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 121988-87-2 REGISTRY
ED Entered STN: 04 Aug 1989
CN Glycine, N-acetyl-, pentamer (9CI) (CA INDEX NAME)
MF (C4 H7 N O3)5
CI PMS, COM
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 543-24-8
CMF C4 H7 N O3

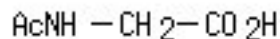


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 27 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 121988-86-1 REGISTRY
ED Entered STN: 04 Aug 1989
CN Glycine, N-acetyl-, tetramer (9CI) (CA INDEX NAME)
MF (C4 H7 N O3)4
CI PMS, COM
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 543-24-8
CMF C4 H7 N O3



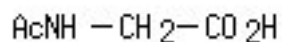
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 28 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 121988-85-0 REGISTRY
ED Entered STN: 04 Aug 1989

CN Glycine, N-acetyl-, trimer (9CI) (CA INDEX NAME)
 MF (C4 H7 N O3)3
 CI PMS, COM
 SR CA
 LC STN Files: CA, CAPLUS

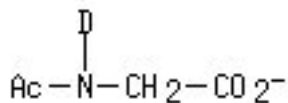
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 CRN 543-24-8
 CMF C4 H7 N O3



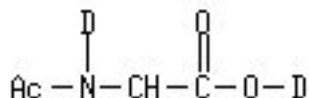
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 29 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 119011-31-3 REGISTRY
 ED Entered STN: 17 Feb 1989
 CN Glycine-N-d, N-acetyl-, ion(1-) (9CI) (CA INDEX NAME)
 MF C4 H5 D N O3
 SR CA
 LC STN Files: CA, CAPLUS



2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 30 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 87128-29-8 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Ethyl, 1-(acetylamino-d)-2-(hydroxy-d)-2-oxo- (9CI) (CA INDEX NAME)
 MF C4 H4 D2 N O3
 SR CA
 LC STN Files: CA, CAPLUS

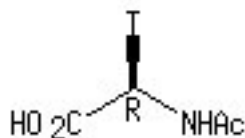


1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 31 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 69535-74-6 REGISTRY
 ED Entered STN: 16 Nov 1984

CN Glycine-2-t, N-acetyl-, (R)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C4 H6 N O3 T
SR CA
LC STN Files: CA, CAPLUS, CASREACT, REAXYSFILE*
(*File contains numerically searchable property data)

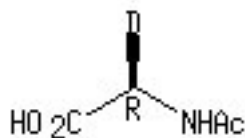
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 32 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 69535-73-5 REGISTRY
ED Entered STN: 16 Nov 1984
CN Glycine-2-d, N-acetyl-, (R)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C4 H6 D N O3
SR CA
LC STN Files: CA, CAPLUS, REAXYSFILE*
(*File contains numerically searchable property data)

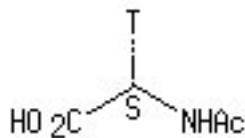
Absolute stereochemistry.



2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 33 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 69535-72-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN Glycine-2-t, N-acetyl-, (S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C4 H6 N O3 T
SR CA
LC STN Files: CA, CAPLUS, REAXYSFILE*
(*File contains numerically searchable property data)

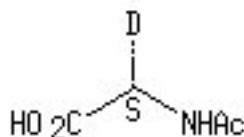
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

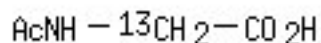
L8 ANSWER 34 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 69535-71-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN Glycine-2-d, N-acetyl-, (S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C4 H6 D N O3
SR CA
LC STN Files: CA, CAPLUS, REAXYSFILE*
(*File contains numerically searchable property data)

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

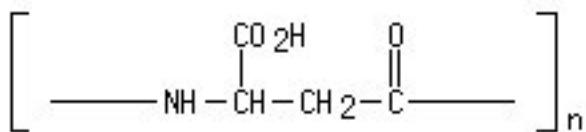
L8 ANSWER 35 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 64225-28-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN Glycine-2-¹³C, N-acetyl- (CA INDEX NAME)
OTHER NAMES:
CN N-Acetyl[2-¹³C]glycine
MF C4 H7 N O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPAT2, USPATFULL



4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

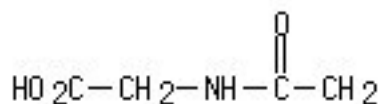
L8 ANSWER 36 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 55123-03-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN Poly[imino(1-carboxy-3-oxo-1,3-propanediyl)] (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Poly[imino(1-carboxy-3-oxo-1,3-propanediyl)], (±)-
MF (C4 H5 N O3)_n
CI PMS, COM
PCT Polyamide
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

RELATED POLYMERS AVAILABLE WITH POLYLINK



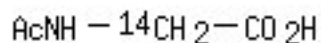
8 REFERENCES IN FILE CA (1907 TO DATE)
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 37 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 54887-48-8 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Ethyl, 2-[(carboxymethyl)amino]-2-oxo- (9CI) (CA INDEX NAME)
 MF C4 H6 N O3
 SR CA
 LC STN Files: CA, CAPLUS, REAXYSFILE*
 (*File contains numerically searchable property data)



4 REFERENCES IN FILE CA (1907 TO DATE)
 4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

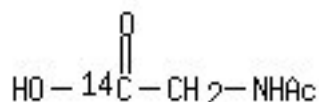
L8 ANSWER 38 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 39782-47-3 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Glycine-2-14C, N-acetyl- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Acetylglycine-2-14C
 MF C4 H7 N O3
 SR CA
 LC STN Files: CA, CAPLUS, REAXYSFILE*
 (*File contains numerically searchable property data)



2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 39 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 38442-40-9 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Glycine-1-14C, N-acetyl- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Acetylglycine-114C
 MF C4 H7 N O3
 SR CA
 LC STN Files: CA, CAPLUS, REAXYSFILE*

(*File contains numerically searchable property data)

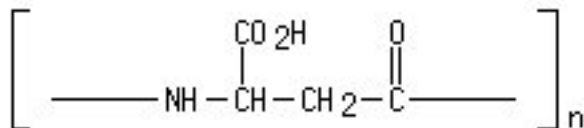


1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 40 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 27030-54-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN Poly[imino[(1S)-1-carboxy-3-oxo-1,3-propanediyl]] (CA INDEX NAME)
OTHER NAMES:
CN Poly-β-aspartic acid, SRU
MF (C4 H5 N O3)n
CI PMS
PCT Polyamide
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPAT2, USPATFULL

RELATED POLYMERS AVAILABLE WITH POLYLINK



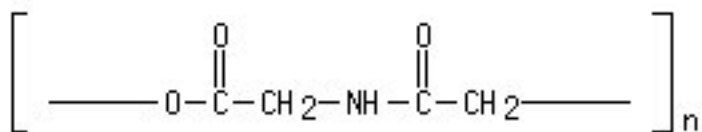
30 REFERENCES IN FILE CA (1907 TO DATE)

11 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

30 REFERENCES IN FILE CAPLUS (1907 TO DATE)

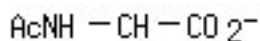
L8 ANSWER 41 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 26913-61-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN Poly[oxy(1-oxo-1,2-ethanediyl)imino(1-oxo-1,2-ethanediyl)] (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Poly(oxycarbonylmethyleneiminocarbonylmethylene) (8CI)
OTHER NAMES:
CN Glycine-glycolic acid polymer, SRU
CN Morpholine-2,5-dione homopolymer, SRU
CN Poly(2,5-diketomorpholine), SRU
MF (C4 H5 N O3)n
CI PMS
PCT Polyamide, Polyester
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

RELATED POLYMERS AVAILABLE WITH POLYLINK



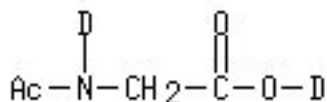
10 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 42 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 25880-47-1 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Methyl, (acetylamino)carboxy-, ion(1-) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Methyl, acetamidocarboxy-, ion(1-) (8CI)
 MF C4 H5 N O3
 SR CA
 LC STN Files: CA, CAPLUS, REAXYSFILE*
 (*File contains numerically searchable property data)



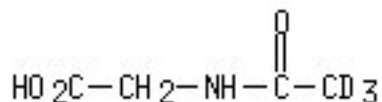
5 REFERENCES IN FILE CA (1907 TO DATE)
 5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 43 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 19597-81-0 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Glycine-N,1-d2, N-acetyl- (7CI, 8CI, 9CI) (CA INDEX NAME)
 MF C4 H5 D2 N O3
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER



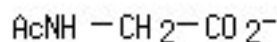
6 REFERENCES IN FILE CA (1907 TO DATE)
 6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 44 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
 RN 18427-56-0 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Glycine, N-(acetyl-d3)- (8CI, 9CI) (CA INDEX NAME)
 MF C4 H4 D3 N O3
 SR CA
 LC STN Files: CA, CAPLUS, REAXYSFILE*
 (*File contains numerically searchable property data)



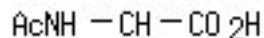
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 45 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 17332-94-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN Glycine, N-acetyl-, ion(1-) (CA INDEX NAME)
DR 444772-28-5, 2027530-55-6
MF C4 H6 N O3
CI COM
SR CA
LC STN Files: CA, CAPLUS, CHEMCATS, REAXYSFILE*, TOXCENTER
(*File contains numerically searchable property data)



3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 46 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 17169-01-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN Methyl, (acetylamino)carboxy- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN (Acetylamino)carboxymethyl
CN Methyl, acetamidocarboxy- (6CI, 7CI, 8CI)
MF C4 H6 N O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT, REAXYSFILE*
(*File contains numerically searchable property data)



15 REFERENCES IN FILE CA (1907 TO DATE)
15 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 47 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 4905-36-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN Glycine-2,2-d2, N-acetyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN N-Acetylglycine-2,2-d2
MF C4 H5 D2 N O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

HO₂C-CH₂-NHAc

7 REFERENCES IN FILE CA (1907 TO DATE)
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 48 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 1449-79-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN Glycine-15N, N-acetyl- (7CI, 8CI, 9CI) (CA INDEX NAME)
MF C4 H7 N O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT, CHEMCATS, REAXYSFILE*
(*File contains numerically searchable property data)

Ac¹⁵NH-CH₂-CO₂H

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 49 OF 49 REGISTRY COPYRIGHT 2019 ACS on STN
RN 543-24-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN Glycine, N-acetyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Aceturic acid (6CI)
CN N-Acetylglycine
OTHER NAMES:
CN 2-(Acetylamino)acetic acid
CN 2-Acetamidoacetic acid
CN 86: PN: WO2006125227 FIGURE: 1 claimed protein
CN Acetamidoacetic acid
CN Acetylaminoacetic acid
CN Acetylglycine
CN Acetylglycocol
CN Ethanoylaminoethanoic acid
CN NSC 7605
MF C4 H7 N O3
CI COM
SR CA
LC STN Files: BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,
DDFU, DRUGU, EMBASE, IFIALL, MEDLINE, PS, REAXYSFILE*, TOXCENTER,
USPAT2, USPATFULL, USPATOLD
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

AcNH-CH₂-CO₂H

2445 REFERENCES IN FILE CA (1907 TO DATE)
69 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2475 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FILE CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	559.33	725.09

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FILE LAST UPDATED: 15 Feb 2019 (20190215/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2015
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2015

CAplus now includes the comprehensive Cooperative Patent Classification (CPC). See HELP CPC for details.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L3 AND liquid composition

25212 L3
1432546 LIQUID
254049 LIQUIDS
1611170 LIQUID
(LIQUID OR LIQUIDS)
2211248 LIQ
186554 LIQS
2277038 LIQ
(LIQ OR LIQS)
3012438 LIQUID
(LIQUID OR LIQ)
1167378 COMPOSITION
500512 COMPOSITIONS
1652294 COMPOSITION
(COMPOSITION OR COMPOSITIONS)
2568158 COMPN
943482 COMPNS
3099308 COMPN
(COMPN OR COMPNS)
3723949 COMPOSITION
(COMPOSITION OR COMPN)
12842 LIQUID COMPOSITION
(LIQUID(W)COMPOSITION)

L9 22 L3 AND LIQUID COMPOSITION

=> S L9 AND L5 AND L8

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 11:19:43
SAMPLE SCREEN SEARCH COMPLETED - 238025 TO ITERATE

100.0% PROCESSED 238025 ITERATIONS 50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 4731553 TO 4789447
PROJECTED ANSWERS: 3077445 TO 3124353

L10 50 SEA SSS SAM L5

L11 27 L10

L12 2562 L8
0 L9 AND L11 AND L8

=> S L9 ANR L5 OR L9

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 11:20:11
SAMPLE SCREEN SEARCH COMPLETED - 238025 TO ITERATE

100.0% PROCESSED 238025 ITERATIONS 50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 4731553 TO 4789447
PROJECTED ANSWERS: 3077445 TO 3124353

L13 50 SEA SSS SAM L5

L14 27 L13

MISSING OPERATOR L9 ANR

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> D L14 1-27

L14 ANSWER 1 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#)

AN 2019:211187 CAPLUS [Full-text](#)
TI Anti-pUL56 antibodies and epitope peptides to treat human cytomegalovirus (HCMV) related diseases
IN Alain, Sophie; Ligat, Gaeetan; Hantz, Sebastien; Couvreur, Anthony
PA INSERM (Institut National de la Sante et de la Recherche Medicale), Fr.; Centre Hospitalier Regional Universitaire de Limoges; Universite de Limoges
SO PCT Int. Appl., 47pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2019020480	A1	20190131	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2019020480	A1	20190131	WO 2018-EP69607	20180719

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM

PRAI EP 2017-305987 A 20170724

L14 ANSWER 2 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#)

AN 2019:206844 CAPLUS [Full-text](#)
TI LTBP complex-specific inhibitors or antibodies of TGF- β 1 and uses thereof

IN Schurpf, Thomas; Littlefield, Christopher; Carven, Gregory J.; Datta,
Abhishek
PA Scholar Rock, Inc., USA
SO PCT Int. Appl., 120pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2019023661	A1	20190131	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2019023661	A1	20190131	WO 2018-US44216	20180727
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM			

PRAI US 2017-62538476 P 20170728
US 2017-62585148 P 20171113
RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 3 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#)

AN 2019:203977 CAPLUS [Full-text](#)
TI Preparation of human monoclonal anti-human CTLA-4 antibodies for
combination cancer immunotherapy
IN Hermann, Aynur; Ioffe, Ella; Burova, Elena; Thurston, Gavin; Olson,
William
PA Regeneron Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 128pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2019023482	A1	20190131	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2019023482	A1	20190131	WO 2018-US43936	20180726
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM			

US 20190048096 A1 20190214 US 2018-16046551 20180726
PRAI US 2017-62537753 P 20170727

US 2017-62588853 P 20171120
US 2018-62645284 P 20180320
US 2018-62685599 P 20180615
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 4 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#)

AN 2019:203044 CAPLUS [Full-text](#)
TI Novel antibodies and combined use of a Treg depleting antibody and an immunostimulatory antibody
IN Frendeus, Bjoern; Maartensson, Linda; Semmrich, Monika; Teige, Ingrid; Beers, Stephen; Al-Shamkhani, Aymen; Gray, Juliet; Glennie, Martin
PA BioInvent International AB, Swed.; Cancer Research Technology Limited
SO PCT Int. Appl., 119pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2019020774	A2	20190131	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2019020774	A2	20190131	WO 2018-EP70359	20180726
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM			

PRAI GB 2017-12032 A 20170726

L14 ANSWER 5 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2019:168933 CAPLUS [Full-text](#)
DN 170:216325
TI Bioactive polypeptides for improvements in plant protection, growth and productivity
IN Thompson, Brian; Leslie, Michelle
PA Spogen Biotech Inc., USA
SO PCT Int. Appl., 354pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2019018768	A1	20190124	English	PDF PDF+ Interactive
US 20190023750	A1	20190124	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2019018768	A1	20190124	WO 2018-US43092	20180720
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR,			

LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,
 NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC,
 SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR,
 HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS,
 SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM,
 ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW,
 SD, SL, ST, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM
 US 20190023750 A1 20190124 US 2018-16041059 20180720
 PRAI US 2017-62534710 P 20170720
 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

L14 ANSWER 6 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#)

AN 2019:168676 CAPLUS [Full-text](#)
 DN 170:231965
 TI Preparation of anti-sortilin antibodies for chronic therapy of
 proteinopathies such as frontotemporal dementia, amyotrophic lateral
 sclerosis or Alzheimer's disease
 IN Biilmann Roenn, Lars Christian; Malik, Ibrahim John; Stavenhagen, Jeffrey
 B.; Christensen, Soeren; Egebjerg, Jan; Stummann, Tina; Gerritsen, Arnout;
 Van Den Brink, Edward; Parren, Paul
 PA H. Lundbeck A/S, Den.
 SO PCT Int. Appl., 116pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1
 PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2019016247	A2	20190124	English	PDF
US 20190023788	A1	20190124	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2019016247	A2	20190124	WO 2018-EP69460	20180718
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM US 20190023788 A1 20190124 US 2018-16037790 20180717 PRAI DK 2017-419 A 20170720 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT				

L14 ANSWER 7 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2019:165328 CAPLUS [Full-text](#)
 DN 170:231964
 TI Human antibodies binding to ROR2, drug-conjugates and antigen receptors
 thereof, and use in cancer immunotherapy
 IN Grawunder, Ulf; Beerli, Roger; Hellmann, Ina; Waldmeier, Lorenz
 PA NBE-Therapeutics AG, Switz.
 SO PCT Int. Appl., 126pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2019016392	A1	20190124	English	PDF PDF+ Interactive

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2019016392	A1	20190124	WO 2018-EP69826	20180720

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM

PRAI EP 2017-182355 A 20170720

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 8 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2019:156814 CAPLUS [Full-text](#)

DN 170:218798

TI Herpes simplex virus vaccine epitopes specifically recognized by tissue resident memory t cells

IN Koelle, David; Wald, Anna; Johnston, Christine; Posavad, Christine; Corey, Larry

PA Fred Hutchinson Cancer Research Center, USA; University of Washington

SO PCT Int. Appl., 86pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2019018796	A1	20190124	English	PDF PDF+ Interactive

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2019018796	A1	20190124	WO 2018-US43137	20180720

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM

PRAI US 2017-62535775 P 20170721

L14 ANSWER 9 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#)

AN 2019:155551 CAPLUS [Full-text](#)

DN 170:218794

TI Preparation of anti-HBeAg antibodies and conjugates for diagnosis and treatment of hepatitis B virus infection and associated hepatocellular

carcinoma
IN Wingfield, Paul T.; Watts, Norman R.; Steven, Alasdair C.
PA United States Dept. of Health and Human Services, USA
SO PCT Int. Appl., 126pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2019018629	A1	20190124	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2019018629	A1	20190124	WO 2018-US42870	20180719
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM			

PRAI US 2017-62534603 P 20170719
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 10 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2019:112363 CAPLUS [Full-text](#)
DN 170:218741
TI A universal vaccine based on shared tumor neoantigens for prevention and treatment of microsatellite instable (MSI) cancers
IN Nicosia, Alfredo; Scarselli, Elisa; Leoni, Guido; Lahm, Armin
PA Nouscom AG, Switz.
SO PCT Int. Appl., 89pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2019012082	A1	20190117	English	PDF PDF+ Interactive

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2019012082	A1	20190117	WO 2018-EP69032	20180712
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM			

PRAI EP 2017-181026 A 20170712

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2019:109658 CAPLUS [Full-text](#)
 DN 170:218777
 TI Agonist antibodies that bind human CD137 and anticancer uses thereof
 IN Bobrowicz, Piotr; Widboom, Paul; Schmidt, Michael March; Lajoie, Jason M.;
 Tighe, Robert V., III; Leung, Cheuk Lun; Eskiocak, Ugur
 PA Compass Therapeutics LLC, USA
 SO PCT Int. Appl., 268pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1
 PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2019014328	A2	20190117	English	PDF PDF+ Interactive
US 20190015508	A1	20190117	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2019014328	A2	20190117	WO 2018-US41612	20180711
W:			AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW	
RW:			AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM	
US 20190015508	A1	20190117	US 2018-16123742	20180906
US 2017-62531190	P	20170711		
US 2017-62531259	P	20170711		
US 2017-62568231	P	20171004		
US 2017-62577257	P	20171026		
US 2017-62577259	P	20171026		
US 2018-16032639	A1	20180711		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2019:108436 CAPLUS [Full-text](#)
 DN 170:218773
 TI Antibodies that bind complement C5 or serum albumin and fusion proteins thereof
 IN Puffer, Bridget; Chandler, Julian; Gera, Nimish; Sheridan, Douglas L.; Jindal, Siddharth; Tamburini, Paul P.
 PA Alexion Pharmaceuticals, Inc., USA
 SO PCT Int. Appl., 113pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1
 PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2019014360	A1	20190117	English	PDF PDF+ Interactive

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2019014360	A1	20190117	WO 2018-US41661	20180711
W:			AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN,	

IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR,
 LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,
 NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC,
 SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR,
 HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS,
 SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM,
 ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW,
 SD, SL, ST, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM
 PRAI US 2017-62531215 P 20170711

L14 ANSWER 13 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#)

AN 2019:106790 CAPLUS [Full-text](#)
 DN 170:218765
 TI Preparation of labeled anti-TcdA antibodies or antibody-drug conjugates
 for detecting or neutralizing Clostridium difficile toxin A
 IN Sulea, Traian; Hussack, Gregory; Tanha, Jamshid; Purisima, Enrico O.
 PA National Research Council of Canada, Can.
 SO PCT Int. Appl., 57pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1
 PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2019012406	A1	20190117	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2019012406	A1	20190117	WO 2018-IB55047	20180709

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,
 BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC,
 EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN,
 IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR,
 LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,
 NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC,
 SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR,
 HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS,
 SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM,
 ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW,
 SD, SL, ST, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM
 PRAI US 2017-62531009 P 20170711

L14 ANSWER 14 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#)

AN 2019:91811 CAPLUS [Full-text](#)
 DN 170:237029
 TI Seaweed source oligopeptide for inhibiting digestive tract inflammation
 and its application
 IN Li, Hao
 PA Fujian Lanhao Biotech Co., Ltd., Peop. Rep. China
 SO Faming Zhuanli Shenqing, 14pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1
 PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
CN 109206482	A	20190115	Chinese	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

CN 109206482 A 20190115 CN 2018-11153535 20180930
PRAI CN 2018-11153535 20180930

L14 ANSWER 15 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

AN 2019:77342 CAPLUS [Full-text](#)
DN 170:232917
TI Late-stage peptide diversification through cobalt-catalyzed C-H
activation: Sequential multicatalysis for stapled peptides
AU Lorion, Melanie M.; Kaplaneris, Nikolaos; Son, Jongwoo; Kuniyil, Rositha;
Ackermann, Lutz
CS Institut fuer Organische und Biomolekulare Chemie,
Georg-August-Universitaet, Tammanstr. 2, Goettingen, 37077, Germany
SO Angewandte Chemie, International Edition (2019), 58(6), 1684-1688
CODEN: ACIEF5; ISSN: 1433-7851
DOI 10.1002/anie.201811668
PB Wiley-VCH Verlag GmbH & Co. KGaA
DT Journal; (online computer file)
LA English

L14 ANSWER 16 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2019:70527 CAPLUS [Full-text](#)
DN 170:236921
TI Polypeptide with oxidation damage repair function and preparation method
and application thereof
IN Zhang, Shanshan; Liu, Kechun; Han, Liwen; Zhang, Xuanming; Li, Xiaobin;
Zhang, Yun
PA Biology Institute of Shandong Academy of Sciences, Peop. Rep. China
SO Faming Zhuanli Shenqing, 22pp.
CODEN: CNXXEV
DT Patent
LA Chinese
FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
CN 109180781	A	20190111	Chinese	PDF PDF+ Interactive

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 109180781	A	20190111	CN 2018-10915407	20180813

PRAI CN 2018-10915407 20180813

L14 ANSWER 17 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#)

AN 2019:67392 CAPLUS [Full-text](#)
DN 170:218757
TI Antibody specifically binding to norwalk virus genotype GI.1 VP1 protein
and/or virus-like particle (VLP), preparation method and application
thereof
IN Li, Qiming; Tang, Fang; Zhang, Jing; Ma, Zhiqing; Chen, Shi; Jin, Yuqin;
Shao, Shuai; Lei, Zehua; Zhang, Xuefeng; Liang, Yu; Hou, Junwei; Han,
Zibo; Zheng, Fan
PA Sinopharm Zhongsheng Biotechnology Research Institute Co., Ltd., Peop.
Rep. China; Beijing Institute of Biological Products Co., Ltd.
SO Faming Zhuanli Shenqing, 25pp.
CODEN: CNXXEV
DT Patent
LA Chinese
FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
CN 109180810	A	20190111	Chinese	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CN 109180810	A	20190111	CN 2018-11128214	20180927
PRAI CN 2018-11128214		20180927		

L14 ANSWER 18 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

AN 2019:66356 CAPLUS [Full-text](#)
 TI Proteomics Analysis Reveals That Structural Proteins of the Virion Core and Involved in Gene Expression Are the Main Source for HLA Class II Ligands in Vaccinia Virus-Infected Cells
 AU Lorente, Elena; Martin-Galiano, Antonio J.; Barnea, Eilon; Barriga, Alejandro; Palomo, Concepcion; Garcia-Arriaza, Juan; Mir, Carmen; Lauzurica, Pilar; Esteban, Mariano; Admon, Arie; Lopez, Daniel
 CS Unidad de Presentacion y Regulacion Inmunes, and Unidad de Bioinformatica, Instituto de Salud Carlos III, Majadahonda Madrid, 28220, Spain
 SO Journal of Proteome Research (2019) Ahead of Print
 CODEN: JPROBS; ISSN: 1535-3893
 DOI 10.1021/acs.jproteome.8b00595
 PB American Chemical Society
 DT Journal
 LA English
 RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 19 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2019:2148 CAPLUS [Full-text](#)
 DN 170:233334
 TI Ultraviolet curable waterproof adhesive, preparation method and application thereof
 IN He, Jinmei; Zhang, Xiaoyong; Bai, Yongping; Yue, Lipei
 PA Harbin Institute of Technology Wuxi Research Institute of New Materials, Peop. Rep. China; Wuxi HIT Limited Corporation & Research Institute of New Materials
 SO Faming Zhuanli Shenqing, 8pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1
 PPPI

	PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
	-----	----	-----	-----	-----
	CN 109111863	A	20190101	Chinese	PDF PDF+ Interactive
PI					
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
	CN 109111863	A	20190101	CN 2018-10659019	20180622
PRAI	CN 2018-10659019		20180622		
OS	CASREACT 170:233334				

L14 ANSWER 20 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2018:2603051 CAPLUS [Full-text](#)
 DN 170:230149
 TI Synthetic oligopeptides and application thereof
 IN Zheng, Jiarong
 PA Huaian Anlai Biotechnology Co., Ltd., Peop. Rep. China
 SO Faming Zhuanli Shenqing, 11pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1
 PPPI

	PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
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	CN 109096373	A	20181228	Chinese	PDF PDF+ Interactive
PI					

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	CN 109096373	A	20181228	CN 2018-11128109	20180927
PRAI	CN 2018-11128109		20180927		

L14 ANSWER 21 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

AN 2018:2591781 CAPLUS [Full-text](#)
 TI Peptide-Based Nanoparticles to Rapidly and Efficiently "Wrap 'n Roll" siRNA into Cells
 AU Konate, Karidia; Dussot, Marion; Aldrian, Gudrun; Vaissiere, Anais; Viguier, Veronique; Neira, Isabel Ferreira; Couillaud, Franck; Vives, Eric; Boisguerin, Prisca; Deshayes, Sebastien
 CS Centre de Recherche en Biologie cellulaire de Montpellier, CNRS UMR 5237, Universite de Montpellier, Montpellier, 34293, Fr.
 SO Bioconjugate Chemistry (2018) Ahead of Print
 CODEN: BCCHES; ISSN: 1043-1802
 DOI 10.1021/acs.bioconjchem.8b00776
 PB American Chemical Society
 DT Journal
 LA English
 OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
 RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 22 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2018:2494589 CAPLUS [Full-text](#)
 DN 170:226927
 TI Bioactive polypeptide DQDLVLI and its preparation method and application in preparing products with anti-inflammatory function and anti-aging function and nucleotide fragment encoding bioactive polypeptide DQDLVLI
 IN Zhang, Shaohui; Zhan, Wenjing; Fan, Mengzhu; Zhang, Boyu; Li, Wanru; Wang, Chao; Li, Fushuo; Chen, Jing
 PA Shanghai Jiao Tong University, Peop. Rep. China; Zhejiang Huitai Life and Health Technology Co., Ltd.
 SO Faming Zhuanli Shenqing, 22pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1
 PPPI

	PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
	CN 108997483	A	20181214	Chinese	PDF PDF+ Interactive

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	CN 108997483	A	20181214	CN 2018-11003879	20180830
PRAI	CN 2018-11003879		20180830		

L14 ANSWER 23 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

AN 2018:1908534 CAPLUS [Full-text](#)
 TI Design of novel lipidated peptidomimetic conjugates for targeting EGFR heterodimerization in HER2 + cancer
 AU Naik, Himgauri; Gauthier, Ted; Singh, Sitanshu; Jois, Seetharama
 CS School of Basic Pharmaceutical and Toxicological Sciences, College of Pharmacy, University of Louisiana at Monroe, Monroe, LA, 71201, USA
 SO Bioorganic & Medicinal Chemistry Letters (2018), 28(22), 3506-3513
 CODEN: BMCLE8; ISSN: 0960-894X
 DOI 10.1016/j.bmcl.2018.10.005
 PB Elsevier B.V.
 DT Journal; (online computer file)
 LA English
 RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 24 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#)

AN 2018:1697729 CAPLUS [Full-text](#)

TI Peptide-functionalized nano palladium with good stability and biocompatibility, and preparation method thereof

IN Zhou, Guohua; Jiang, Huimin

PA Lingnan Normal University, Peop. Rep. China

SO Faming Zhuanli Shenqing, 13pp.

CODEN: CNXXEV

DT Patent

LA Chinese

FAN.CNT 1

PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
CN 108529693	A	20180914	Chinese	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 108529693	A	20180914	CN 2018-10298521	20180403

PRAI CN 2018-10298521

20180403

L14 ANSWER 25 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

AN 2018:479741 CAPLUS [Full-text](#)

DN 170:215171

TI Caspase vinyl sulfone small molecule inhibitors prevent axonal degeneration in human neurons and reverse cognitive impairment in Caspase-6-overexpressing mice

AU Pakavathkumar, Prateep; Noel, Anastasia; Lecrux, Clotilde; Tubeleviciute-Aydin, Agne; Hamel, Edith; Ahlfors, Jan-Eric; Le Blanc, Andrea C.

CS Bloomfield Center for Research in Aging, Lady Davis Institute for Medical Research, Jewish General Hospital, Montreal, QC, H3T 1E2, Can.

SO Molecular Neurodegeneration (2017), 12, 22/1-22/19

CODEN: MNOEAZ; ISSN: 1750-1326

DOI 10.1186/s13024-017-0166-z

PB BioMed Central Ltd.

DT Journal; (online computer file)

LA English

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

RE.CNT 73 THERE ARE 73 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 26 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

AN 2017:2045130 CAPLUS [Full-text](#)

DN 170:226610

TI Spatial Position Regulates Power of Tryptophan: Discovery of a Major-Groove-Specific Nuclear-Localizing, Cell-Penetrating Tetrapeptide

AU Bhunia, Debmalya; Mondal, Prasenjit; Das, Gaurav; Saha, Abhijit; Sengupta, Pallabi; Jana, Jagannath; Mohapatra, Saswat; Chatterjee, Subhrangsu; Ghosh, Surajit

CS Organic and Medicinal Chemistry Division, CSIR-Indian Institute of Chemical Biology, Kolkata, 700032, India

SO Journal of the American Chemical Society (2018), 140(5), 1697-1714

CODEN: JACSAT; ISSN: 0002-7863

DOI 10.1021/jacs.7b10254

PB American Chemical Society

DT Journal; (online computer file)

LA English

OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 27 OF 27 CAPLUS COPYRIGHT 2019 ACS on STN

AN 2017:841355 CAPLUS [Full-text](#)
 DN 170:214921
 TI In silico analysis and antihypertensive effect of ACE-inhibitory peptides from smooth-hound viscera protein hydrolysate: Enzyme-peptide interaction study using molecular docking simulation
 AU Abdelhedi, Ola; Nasri, Rim; Jridi, Mourad; Mora, Leticia; Oseguera-Toledo, Miguel Eduardo; Aristoy, Maria-Concepcion; Ben Amara, Ibtissem; Toldra, Fidel; Nasri, Moncef
 CS Laboratoire de Genie Enzymatique et de Microbiologie, Universite de Sfax, Sfax, Tunisia
 SO Process Biochemistry (Oxford, United Kingdom) (2017), 58, 145-159
 CODEN: PBCHE5; ISSN: 1359-5113
 DOI 10.1016/j.procbio.2017.04.032
 PB Elsevier Ltd.
 DT Journal; (online computer file)
 LA English
 OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
 RE.CNT 58 THERE ARE 58 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> S L9 AND L5

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
 Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 11:23:08
 SAMPLE SCREEN SEARCH COMPLETED - 238025 TO ITERATE

100.0% PROCESSED 238025 ITERATIONS 50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 4731553 TO 4789447
 PROJECTED ANSWERS: 3077445 TO 3124353

L15 50 SEA SSS SAM L5

L16 27 L15

L17 0 L9 AND L16

=> S L9 AND L8

2562 L8
 L18 0 L9 AND L8

=> D L9 1-22

L9 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2018:1512221 CAPLUS [Full-text](#)

DN 169:230875

TI Compositions and methods comprising EGFR ligands for modulation of dietary and microbial exposure for treating allergic disorders and inflammatory conditions

IN Newberry, Rodney; Knoop, Kathryn; McDonald, Keely

PA Washington University, USA

SO U.S. Pat. Appl. Publ., 79pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
US 20180228868	A1	20180816	English	PDF PDF+ Interactive

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20180228868	A1	20180816	US 2018-15880658	20180126

PRAI US 2017-62450831 P 20170126

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

L9 ANSWER 2 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2018:778484 CAPLUS [Full-text](#)

DN 168:401792

TI Compositions and methods for treating irritable bowel syndrome and related disorders

IN Borody, Thomas Julius

PA Crestovo Holdings LLC, USA

SO PCT Int. Appl., 54pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2018071534	A1	20180419	English	PDF PDF+ Interactive

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2018071534	A1	20180419	WO 2017-US56129	20171011

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM

PRAI US 2016-62406758 P 20161011

US 2017-62511763 P 20170526

L9 ANSWER 3 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2018:735383 CAPLUS [Full-text](#)
DN 168:401987
TI Compositions and methods for treating irritable bowel syndrome and related disorders comprising non-pathogenic fecal microbes
IN Borody, Thomas Julius
PA Crestovo LLC, USA
SO U.S. Pat. Appl. Publ., 17pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
US 20180099011	A1	20180412	English	PDF PDF+ Interactive

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20180099011	A1	20180412	US 2017-15607004	20170526

PRAI US 2016-62406758 P 20161011

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

L9 ANSWER 4 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2016:2028893 CAPLUS [Full-text](#)
DN 167:251770
TI Compositions containing omega-3 oil with an anti-inflammatory agent and uses thereof
IN Leighton, Harry J.
PA Maine Natural Health, Inc., USA
SO U.S. Pat. Appl. Publ., No pp. given
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
US 20140050807	A1	20140220	English	PDF PDF+ Interactive
US 9415035	B2	20160816	English	PDF
WO 2012037328	A2	20120322	English	PDF PDF+ Interactive
WO 2012037328	A3	20120510	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20140050807	A1	20140220	US 2013-13822520	20131106
US 9415035	B2	20160816		
WO 2012037328	A2	20120322	WO 2011-US51734	20110915
WO 2012037328	A3	20120510		

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRAI US 2010-61384037 P 20100917

WO 2011-US51734 W 20110915

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

L9 ANSWER 5 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2016:1890750 CAPLUS [Full-text](#)
 DN 166:379300
 TI Formulations containing clopidogrel and sulfoalkyl ether cyclodextrin and methods of use
 IN Mosher, Gerold L.; Wedel, Rebecca L.; Johnson, Karen T.; Machatha, Stephen G.; Cowee, Jane A.; Cushing, Daniel J.
 PA CyDex Pharmaceuticals, Inc., USA
 SO U.S., No pp. given
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 3
 PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
US 8343995	B2	20130101	English	PDF PDF+ Interactive
CA 2921601	A1	20081106	English	PDF
CA 2921601	C	20180424	English	PDF
WO 2008134600	A1	20081106	English	PDF PDF+ Interactive
CN 104800210	A	20150729	Chinese	PDF
US 20130129700	A1	20130523	English	PDF
US 8853236	B2	20141007	English	PDF
AU 2014200085	A1	20140123	English	PDF
AU 2014200085	B2	20150820	English	PDF
US 20150025243	A1	20150122	English	PDF
US 9125945	B2	20150908	English	PDF
JP 2015091857	A	20150514	Japanese	PDF
JP 6076382	B2	20170208	Japanese	PDF
US 20160058786	A1	20160303	English	PDF
US 9623045	B2	20170418	English	PDF
AU 2015255164	A1	20151126	English	PDF
AU 2015255164	B2	20170608	English	PDF
JP 2017061533	A	20170330	Japanese	PDF
JP 6228286	B2	20171108	Japanese	PDF
US 20170173178	A1	20170622	English	PDF
US 10034947	B2	20180731	English	PDF
JP 2018021071	A	20180208	Japanese	PDF
US 20180326090	A1	20181115	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 8343995	B2	20130101	US 2010-597908	20100730
US 20100292268	A1	20101118		
CA 2921601	A1	20081106	CA 2008-2921601	20080426
CA 2921601	C	20180424		
WO 2008134600	A1	20081106	WO 2008-US61697	20080426
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
CN 104800210	A	20150729	CN 2015-10087052	20080426
US 20130129700	A1	20130523	US 2012-13689898	20121130
US 8853236	B2	20141007		
AU 2014200085	A1	20140123	AU 2014-200085	20140108
AU 2014200085	B2	20150820		
US 20150025243	A1	20150122	US 2014-14507693	20141006
US 9125945	B2	20150908		
JP 2015091857	A	20150514	JP 2015-2902	20150109
JP 6076382	B2	20170208		
US 20160058786	A1	20160303	US 2015-14846049	20150904
US 9623045	B2	20170418		
AU 2015255164	A1	20151126	AU 2015-255164	20151109
AU 2015255164	B2	20170608		

	JP	2017061533	A	20170330	JP	2016-226446	20161122
	JP	6228286	B2	20171108			
	US	20170173178	A1	20170622	US	2017-15454967	20170309
	US	10034947	B2	20180731			
	JP	2018021071	A	20180208	JP	2017-198414	20171012
	US	20180326090	A1	20181115	US	2018-16043833	20180724
PRAI	US	2007-60914555	P	20070427			
	WO	2008-US61697	W	20080426			
	AU	2008-245550	A3	20080426			
	CA	2008-2685331	A3	20080426			
	CN	2008-80022506	A3	20080426			
	JP	2010-506549	A3	20080426			
	US	2010-597908	A3	20100730			
	US	2012-13689898	A1	20121130			
	AU	2014-200085	A3	20140108			
	US	2014-14507693	A1	20141006			
	JP	2015-2902	A3	20150109			
	US	2015-14846049	A1	20150904			
	JP	2016-226446	A3	20161122			
	US	2017-15454967	A1	20170309			

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

RE.CNT 95 THERE ARE 95 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 6 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#)

AN 2016:1885090 CAPLUS [Full-text](#)

DN 167:534071

TI Compositions and methods for treating microbiota-related psychotropic conditions and diseases

IN Borody, Thomas Julius

PA Australia

SO U.S. Pat. Appl. Publ., No pp. given

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
US 20160089363	A1	20160331	English	PDF
WO 2014176632	A1	20141106	English	PDF
US 20180071268	A1	20180315	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20160089363	A1	20160331	US 2015-14888081	20151029
WO 2014176632	A1	20141106	WO 2014-AU478	20140430
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM			
US 20180071268	A1	20180315	US 2017-15710769	20170920
PRAI US 2013-61817769	P	20130430		
WO 2014-AU478	W	20140430		
US 2015-14888081	A1	20151029		

L9 ANSWER 7 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

AN 2015:378824 CAPLUS [Full-text](#)
DN 162:394635
TI Systems, compositions, and methods for transplantation and treating
conditions such as wounds using alpha-2 macroglobulin
IN Hanna, Lewis; Laughlin, John David; Browning, Shawn Robert
PA Cytonics Corporation, USA
SO PCT Int. Appl., 239pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2015031654	A2	20150305	English	PDF PDF+ Interactive
WO 2015031654	A3	20151105	English	PDF
CA 2922806	A1	20150305	English	PDF
US 20150079194	A1	20150319	English	PDF
US 9352021	B2	20160531	English	PDF
AU 2014312249	A1	20160324	English	PDF
US 20160271215	A1	20160922	English	PDF
US 9498514	B2	20161122	English	PDF
US 20170246372	A1	20170831	English	PDF
AU 2017254878	A1	20171116	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2015031654	A2	20150305	WO 2014-US53223	20140828
WO 2015031654	A3	20151105		
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM			
CA 2922806	A1	20150305	CA 2014-2922806	20140828
US 20150079194	A1	20150319	US 2014-14471663	20140828
US 9352021	B2	20160531		
AU 2014312249	A1	20160324	AU 2014-312249	20140828
EP 3038635	A2	20160706	EP 2014-840258	20140828
R:	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BA, ME			
US 20160271215	A1	20160922	US 2016-15081408	20160325
US 9498514	B2	20161122		
US 20170246372	A1	20170831	US 2016-15287065	20161006
AU 2017254878	A1	20171116	AU 2017-254878	20171101

PRAI US 2013-61871009 P 20130828
US 2014-61990522 P 20140508
US 2014-61990524 P 20140508
AU 2014-312249 A3 20140828
US 2014-14471663 A3 20140828
WO 2014-US53223 W 20140828
US 2016-15081408 A3 20160325

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

AN 2014:1864332 CAPLUS [Full-text](#)
DN 161:720419
TI Compositions and methods for treating microbiota-related psychotropic

conditions and diseases
IN Borody, Thomas Julius
PA Australia
SO PCT Int. Appl., 44pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2014176632	A1	20141106	English	PDF
AU 2014262125	A1	20151119	English	PDF
US 20160089363	A1	20160331	English	PDF
US 20180071268	A1	20180315	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2014176632	A1	20141106	WO 2014-AU478	20140430
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, RU, TJ, TM				
CA 2910983	A1	20141106	CA 2014-2910983	20140430
AU 2014262125	A1	20151119	AU 2014-262125	20140430
CN 105307654	A	20160203	CN 2014-80034320	20140430
EP 2991649	A1	20160309	EP 2014-791196	20140430
R: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR, BA, ME				
US 20160089363	A1	20160331	US 2015-14888081	20151029
US 20180071268	A1	20180315	US 2017-15710769	20170920
PRAI US 2013-61817769	P	20130430		
WO 2014-AU478	W	20140430		
US 2015-14888081	A1	20151029		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 9 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2012:431423 CAPLUS [Full-text](#)

DN 156:432091

TI Compositions containing omega-3 oil with an anti-inflammatory agent and uses thereof

IN Leighton, Harry J.

PA Maine Natural Health, Inc., USA

SO PCT Int. Appl., 97pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2012037328	A2	20120322	English	PDF PDF+ Interactive
WO 2012037328	A3	20120510	English	PDF
US 20140050807	A1	20140220	English	PDF PDF+ Interactive
US 9415035	B2	20160816	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2012037328 A2 20120322 WO 2011-US51734 20110915
 WO 2012037328 A3 20120510
 W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
 CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG,
 ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP,
 KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA,
 MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE,
 PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM,
 ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN,
 ZA, ZM, ZW
 RW: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR,
 HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS,
 SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, NZ, SN, TD, TG, BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL,
 SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 US 20140050807 A1 20140220 US 2013-13822520 20131106
 US 9415035 B2 20160816
 PRAI US 2010-61384037 P 20100917
 WO 2011-US51734 W 20110915
 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L9 ANSWER 10 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#)

AN 2011:239441 CAPLUS [Full-text](#)
 DN 154:330027
 TI Virus sampling **liquid composition** for virus detection
 IN Li, Haibo
 PA Peop. Rep. China
 SO Faming Zhuanli Shenqing, 5pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1
 PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
CN 101979516	A	20110223	Chinese	PDF
CN 101979516	B	20130703	Chinese	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 101979516	A	20110223	CN 2010-10510800	20101019
CN 101979516	B	20130703		

PRAI CN 2010-10510800 20101019

L9 ANSWER 11 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#)

AN 2010:1568475 CAPLUS [Full-text](#)
 DN 154:104346
 TI Preparation and application of **liquid composition** for temporarily
 storing Helicobacter pylori-containing stomach tissue specimen collected
 by biopsy
 IN Du, Jimei; Lin, Gang; Xu, Changlong; Liu, Jiaming
 PA Wenzhou Medical College, Peop. Rep. China
 SO Faming Zhuanli Shenqing, 7pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1
 PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
CN 101911930	A	20101215	Chinese	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 101911930	A	20101215	CN 2010-10263492	20100820

CN 101911930 B 20130508
PRAI CN 2010-10263492 20100820

L9 ANSWER 12 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2009:976916 CAPLUS [Full-text](#)
DN 151:253973
TI Non-polymeric compositions for controlled drug delivery
IN Li, Yuhua; Guarino, Andrew; Chien, Benjamin
PA QPS LLC, USA
SO PCT Int. Appl., 50pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2009100222	A1	20090813	English	PDF PDF+ Interactive
AU 2009212373	A1	20090813	English	PDF
AU 2009212373	A2	20110217	English	PDF
AU 2009212373	B2	20131003	English	PDF
CA 2714514	C	20160816	English	PDF
US 8586103	B2	20131119	English	PDF
JP 2011511088	T	20110407	Japanese	PDF
JP 5737949	B2	20150617	Japanese	PDF
CN 102131483	A	20110720	Chinese	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2009100222	A1	20090813	WO 2009-US33226	20090205
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2009212373	A1	20090813	AU 2009-212373	20090205
AU 2009212373	A2	20110217		
AU 2009212373	B2	20131003		
CA 2714514	A1	20090813	CA 2009-2714514	20090205
CA 2714514	C	20160816		
US 20100034801	A1	20100211	US 2009-366402	20090205
US 8586103	B2	20131119		
EP 2244679	A1	20101103	EP 2009-708965	20090205
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, RS				
JP 2011511088	T	20110407	JP 2010-545996	20090205
JP 5737949	B2	20150617		
CN 102131483	A	20110720	CN 2009-80112023	20090205
TW I400090	B	20130701	TW 2009-103812	20090206
IN 2010CN04929	A	20110225	IN 2010-CN4929	20100806
IN 296799	A1	20180518		
PRAI US 2008-61065178	P	20080208		
WO 2009-US33226	W	20090205		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 13 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2008:1363977 CAPLUS [Full-text](#)
DN 149:563619
TI Compositions of multicationic drugs for reducing interactions with
polyanionic biomolecules and methods and uses thereof
IN Malinin, Vladimir
PA Transave, Inc., USA
SO PCT Int. Appl., 49pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2008137717	A1	20081113	English	PDF PDF+ Interactive
US 20140248335	A1	20140904	English	PDF
US 9925205	B2	20180327	English	PDF
US 20180169125	A1	20180621	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008137717	A1	20081113	WO 2008-US62469	20080502
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
US 20100196455	A1	20100805	US 2010-598830	20100407
US 20140248335	A1	20140904	US 2014-14198724	20140306
US 9925205	B2	20180327		
US 20180169125	A1	20180621	US 2018-15893856	20180212
PRAI US 2007-60916002	P	20070504		
WO 2008-US62469	W	20080502		
US 2010-598830	A1	20100407		
US 2014-14198724	A1	20140306		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 14 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2008:1337875 CAPLUS [Full-text](#)
DN 149:541634
TI Formulations containing clopidogrel and sulfoalkyl ether cyclodextrin and
methods of use
IN Mosher, Gerold L.; Wedel, Rebecca L.; Johnson, Karen T.; MacHatha, Stephen
G.; Cowee, Jane A.; Cushing, Daniel J.
PA CyDex Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 111 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2008134600	A1	20081106	English	PDF PDF+ Interactive
AU 2008245550	A1	20081106	English	PDF
AU 2008245550	B2	20131010	English	PDF
CA 2685331	C	20160705	English	PDF
CA 2921601	A1	20081106	English	PDF

CA 2921601	C	20180424	English	PDF	
KR 1753131	B1	20170704	Korean	PDF	
CN 101686681	B	20150401	Chinese	PDF	
JP 5681485	B2	20150311	Japanese	PDF	
RU 2470636	C2	20121227	Russian	PDF	
KR 2015041173	A	20150415	Korean	PDF	
CN 104800210	A	20150729	Chinese	PDF	
KR 2016033792	A	20160328	Korean	PDF	
US 8343995	B2	20130101	English	PDF	PDF+ Interactive
US 20130129700	A1	20130523	English	PDF	
US 8853236	B2	20141007	English	PDF	
AU 2014200085	A1	20140123	English	PDF	
AU 2014200085	B2	20150820	English	PDF	
US 20150025243	A1	20150122	English	PDF	
US 9125945	B2	20150908	English	PDF	
JP 2015091857	A	20150514	Japanese	PDF	
JP 6076382	B2	20170208	Japanese	PDF	
US 20160058786	A1	20160303	English	PDF	
US 9623045	B2	20170418	English	PDF	
AU 2015255164	A1	20151126	English	PDF	
AU 2015255164	B2	20170608	English	PDF	
JP 2017061533	A	20170330	Japanese	PDF	
JP 6228286	B2	20171108	Japanese	PDF	
US 20170173178	A1	20170622	English	PDF	
US 10034947	B2	20180731	English	PDF	
JP 2018021071	A	20180208	Japanese	PDF	
US 20180326090	A1	20181115	English	PDF	

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008134600	A1	20081106	WO 2008-US61697	20080426
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2008245550	A1	20081106	AU 2008-245550	20080426
AU 2008245550	B2	20131010		
CA 2685331	A1	20081106	CA 2008-2685331	20080426
CA 2685331	C	20160705		
CA 2921601	A1	20081106	CA 2008-2921601	20080426
CA 2921601	C	20180424		
KR 2010017366	A	20100216	KR 2009-7024578	20080426
KR 1753131	B1	20170704		
EP 2152078	A1	20100217	EP 2008-769199	20080426
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS				
CN 101686681	A	20100331	CN 2008-80022506	20080426
CN 101686681	B	20150401		
JP 2010525083	T	20100722	JP 2010-506549	20080426
JP 5681485	B2	20150311		
NZ 581362	A	20110729	NZ 2008-581362	20080426
IL 201776	A	20121129	IL 2008-201776	20080426
RU 2470636	C2	20121227	RU 2009-143991	20080426
KR 2015041173	A	20150415	KR 2015-7007922	20080426
CN 104800210	A	20150729	CN 2015-10087052	20080426
KR 2016033792	A	20160328	KR 2016-7006495	20080426
MX 2009011619	A	20100118	MX 2009-11619	20091027
IN 2009DN07627	A	20100618	IN 2009-DN7627	20091124
IN 284316	A1	20170623		
US 8343995	B2	20130101	US 2010-597908	20100730
US 20100292268	A1	20101118		
US 20130129700	A1	20130523	US 2012-13689898	20121130
US 8853236	B2	20141007		

AU 2014200085	A1	20140123	AU 2014-200085	20140108
AU 2014200085	B2	20150820		
US 20150025243	A1	20150122	US 2014-14507693	20141006
US 9125945	B2	20150908		
JP 2015091857	A	20150514	JP 2015-2902	20150109
JP 6076382	B2	20170208		
US 20160058786	A1	20160303	US 2015-14846049	20150904
US 9623045	B2	20170418		
AU 2015255164	A1	20151126	AU 2015-255164	20151109
AU 2015255164	B2	20170608		
JP 2017061533	A	20170330	JP 2016-226446	20161122
JP 6228286	B2	20171108		
US 20170173178	A1	20170622	US 2017-15454967	20170309
US 10034947	B2	20180731		
JP 2018021071	A	20180208	JP 2017-198414	20171012
US 20180326090	A1	20181115	US 2018-16043833	20180724

PRAI US 2007-60914555	P	20070427
AU 2008-245550	A3	20080426
CA 2008-2685331	A3	20080426
CN 2008-80022506	A3	20080426
JP 2010-506549	A3	20080426
KR 2009-7024578	A3	20080426
KR 2015-7007922	A3	20080426
WO 2008-US61697	W	20080426
US 2010-597908	A3	20100730
US 2012-13689898	A1	20121130
AU 2014-200085	A3	20140108
US 2014-14507693	A1	20141006
JP 2015-2902	A3	20150109
US 2015-14846049	A1	20150904
JP 2016-226446	A3	20161122
US 2017-15454967	A1	20170309

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 15 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2008:530011 CAPLUS [Full-text](#)

DN 148:523704

TI Composition comprising silica dioxide for treating lacerations, abrasions, avulsions, burns, ulcers, and cases of excessive bleeding

IN Pronovost, Allan

PA USA

SO PCT Int. Appl., 71pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2008051513	A2	20080502	English	PDF PDF+ Interactive

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008051513	A2	20080502	WO 2007-US22417	20071022
WO 2008051513	A3	20080619		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,

GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
 US 20090148502 A1 20090611 US 2007-876343 20071022
 PRAI US 2006-60853621 P 20061023
 OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

L9 ANSWER 16 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2002:695753 CAPLUS [Full-text](#)
 DN 137:222070
 TI Compositions for delivery of drugs and biologically active agents
 IN Liao, Jun; Gschneidner, David; Weidner, John J.; Wang, Nai Fang
 PA Emisphere Technologies, Inc., USA
 SO PCT Int. Appl., 47 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1
 PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2002069937	A1	20020912	English	PDF PDF+ Interactive
EP 1372615	B1	20130424	English	PDF
CN 1494420	A	20040505		PDF
EP 2308479	A3	20121024	English	PDF
ES 2421948	T3	20130906	Spanish	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002069937	A1	20020912	WO 2002-US6610	20020301
W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW	
RW:			GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
CA 2356201	A1	20020901	CA 2001-2356201	20010830
CA 2438849	A1	20020912	CA 2002-2438849	20020301
AU 2002245580	A1	20020919	AU 2002-245580	20020301
AU 2002245580	B2	20061109		
EP 1372615	A1	20040102	EP 2002-713747	20020301
EP 1372615	B1	20130424		
R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR	
CN 1494420	A	20040505	CN 2002-805596	20020301
BR 2002007872	A	20040622	BR 2002-7872	20020301
JP 2004530658	T	20041007	JP 2002-569115	20020301
NZ 527026	A	20060127	NZ 2002-527026	20020301
EP 2308479	A2	20110413	EP 2010-13357	20020301
EP 2308479	A3	20121024		
R:			AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, TR	
ES 2421948	T3	20130906	ES 2002-713747	20020301
ZA 2003005569	A	20040408	ZA 2003-5569	20030718
US 20040097500	A1	20040520	US 2003-469500	20030827
US 7700775	B2	20100420		
MX 2003007857	A	20040524	MX 2003-7857	20030901
PRAI US 2001-60272726	P	20010301		
US 2001-60314783	P	20010824		
US 2001-60323139	P	20010917		
EP 2002-713747	A3	20020301		
WO 2002-US6610	W	20020301		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS CASREACT 137:222070

OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2002:157724 CAPLUS [Full-text](#)
DN 136:205437
TI Compounds and compositions for oral delivery of protein and other drugs
IN Tang, Pingwah
PA Emisphere Technologies, Inc., USA
SO PCT Int. Appl., 33 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

	PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
PI	WO 2002016309	A1	20020228	English	PDF PDF+ Interactive

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	WO 2002016309	A1	20020228	WO 2001-US25679	20010816
	W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW	
	RW:			GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
	AU 2001084985	A	20020304	AU 2001-84985	20010816
	EP 1317412	A1	20030611	EP 2001-964093	20010816
	R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR	
	JP 2004506711	T	20040304	JP 2002-521185	20010816
	JP 4624642	B2	20110202		
	US 20030216287	A1	20031120	US 2003-362067	20030507
	US 7138546	B2	20061121		
PRAI	US 2000-60226390	P	20000818		
	WO 2001-US25679	W	20010816		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS CASREACT 136:205437; MARPAT 136:205437

OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 18 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2002:31399 CAPLUS [Full-text](#)
DN 136:90982
TI Compositions containing 4-(4-chloro-2-hydroxybenzoyl)aminobutyric acid and its salts for delivering active agents
IN Weidner, John J.; Variano, Bruce F.; Majuru, Shingai; Bhankarkar, Sataj; Bay, William E.; Shields, Lynn
PA Emisphere Technologies, Inc., USA
SO PCT Int. Appl., 36 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2
PPPI

	PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
	WO 2002002509	A1	20020110	English	PDF PDF+ Interactive
	ES 2306719	T3	20081116	Spanish	PDF
	AU 2006200678	A1	20060309	English	PDF
	AU 2006200678	B2	20090115	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002002509	A1	20020110	WO 2001-US21073	20010629
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2411754	A1	20020110	CA 2001-2411754	20010629
CA 2411754	C	20090526		
AU 2001073153	A	20020114	AU 2001-73153	20010629
AU 2001273153	A2	20020114	AU 2001-273153	20010629
AU 2001273153	B2	20051117		
EP 1299348	A1	20030409	EP 2001-952394	20010629
EP 1299348	B1	20080409		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001012311	A	20030902	BR 2001-12311	20010629
JP 2004521857	T	20040722	JP 2002-507766	20010629
NZ 523017	A	20041029	NZ 2001-523017	20010629
AT 391708	T	20080415	AT 2001-952394	20010629
PT 1299348	E	20080512	PT 2001-952394	20010629
RU 2326110	C2	20080610	RU 2003-102615	20010629
ES 2306719	T3	20081116	ES 2001-952394	20010629
CN 100482637	C	20090429	CN 2001-811918	20010629
IL 153297	A	20100428	IL 2001-153297	20010629
CZ 303736	B6	20130417	CZ 2003-275	20010629
ZA 2002009946	A	20031107	ZA 2002-9946	20021209
MX 2002012855	A	20040420	MX 2002-12855	20021219
KR 828668	B1	20080509	KR 2002-7017966	20021228
US 20040048777	A1	20040311	US 2003-312703	20030625
US 7351741	B2	20080401		
HK 1054918	A1	20080711	HK 2003-107183	20031006
US 20050250852	A1	20051110	US 2005-183039	20050714
US 7208178	B2	20070424		
AU 2006200678	A1	20060309	AU 2006-200678	20060217
AU 2006200678	B2	20090115		
US 20080033204	A1	20080207	US 2007-734591	20070412
US 7420085	B2	20080902		
PRAI US 2000-60214893	P	20000629		
AU 2001-273153	A3	20010629		
WO 2001-US21073	W	20010629		
US 2002-60347610	P	20020109		
WO 2003-US878	W	20030109		
US 2003-312703	A2	20030625		
US 2005-501205	A1	20050104		
US 2005-183039	A3	20050714		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS CASREACT 136:90982

OSC.G 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 19 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2001:472523 CAPLUS [Full-text](#)

DN 135:66255

TI **Liquid composition** of a biodegradable block copolymer for drug delivery system

IN Seo, Min-hyo; Choi, In-ja

PA Samyang Corp., S. Korea

SO PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2001045742	A1	20010628	English	PDF PDF+ Interactive
AU 2001025550	A	20010703	English	PDF
EP 1244471	B1	20130731	English	PDF
CN 1204924	C	20050601	Chinese	PDF
ES 2433010	T3	20131205	Spanish	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001045742	A1	20010628	WO 2000-KR1508	20001221
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
KR 2001063314	A	20010709	KR 1999-60349	19991222
CA 2395077	A1	20010628	CA 2000-2395077	20001221
CA 2395077	C	20080708		
AU 2001025550	A	20010703	AU 2001-25550	20001221
AU 779713	B2	20050210		
EP 1244471	A1	20021002	EP 2000-989005	20001221
EP 1244471	B1	20130731		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003517886	T	20030603	JP 2001-546681	20001221
JP 3614820	B2	20050126		
CN 1204924	C	20050601	CN 2000-817580	20001221
ES 2433010	T3	20131205	ES 2000-989005	20001221
MX 2002006272	A	20021205	MX 2002-6272	20020621
US 20030082234	A1	20030501	US 2002-169012	20020622
US 6916788	B2	20050712		
PRAI KR 1999-60349	A	19991222		
WO 2000-KR1508	W	20001221		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS CASREACT 135:66255

OSC.G 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (17 CITINGS)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 20 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2000:144747 CAPLUS [Full-text](#)

DN 132:185461

TI Probiotic, lactic acid-producing bacteria for treatment of gastrointestinal infections

IN Farmer, Sean

PA Ganeden Biotech, Inc., USA

SO PCT Int. Appl., 77 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2000010582	A2	20000302	English	PDF PDF+ Interactive
JP 5904688	B2	20160518	Japanese	PDF
US 8097247	B2	20120117	English	PDF
US 8187590	B2	20120529	English	PDF
US 20120177620	A1	20120712	English	PDF
US 8697055	B2	20140415	English	PDF
US 20140242051	A1	20140828	English	PDF
JP 2015061882	A	20150402	Japanese	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000010582	A2	20000302	WO 1999-US17862	19990806
WO 2000010582	A3	20000713		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6461607	B1	20021008	US 1999-370793	19990805
CA 2341503	A1	20000302	CA 1999-2341503	19990806
CA 2341503	C	20110503		
AU 9953415	A	20000314	AU 1999-53415	19990806
AU 772332	B2	20040422		
EP 1107772	A2	20010620	EP 1999-939056	19990806
EP 1107772	B1	20060419		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY			
JP 2002523372	T	20020730	JP 2000-565902	19990806
JP 5904688	B2	20160518		
AT 323503	T	20060515	AT 1999-939056	19990806
US 20030031659	A1	20030213	US 2002-264745	20021004
US 20060099197	A1	20060511	US 2005-305507	20051216
US 7708988	B2	20100504		
US 20080233104	A1	20080925	US 2008-148965	20080423
US 7807151	B2	20101005		
JP 2010215665	A	20100930	JP 2010-153465	20100705
US 20110020305	A1	20110127	US 2010-897590	20101004
US 8097247	B2	20120117		
US 20110020306	A1	20110127	US 2010-897604	20101004
US 8187590	B2	20120529		
US 20120177620	A1	20120712	US 2012-13423852	20120319
US 8697055	B2	20140415		
US 20140242051	A1	20140828	US 2014-14190751	20140226
JP 2015061882	A	20150402	JP 2014-263310	20141225
PRAI US 1998-60097594	P	19980824		
US 1999-370793	A2	19990805		
JP 2000-565902	A3	19990806		
WO 1999-US17862	W	19990806		
US 2002-264745	A1	20021004		
US 2005-305507	A1	20051216		
US 2008-148965	A1	20080423		
US 2010-897604	A1	20101004		
US 2012-13423852	A1	20120319		
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT				
OSC.G	31	THERE ARE 31 CAPLUS RECORDS THAT CITE THIS RECORD (36 CITINGS)		
RE.CNT	12	THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD		
ALL CITATIONS AVAILABLE IN THE RE FORMAT				
L9	ANSWER 21 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN			
AN	1993:610764 CAPLUS Full-text			
DN	119:210764			
OREF	119:37403a,37406a			
TI	Biodegradable film dressing containing thermoplastic polymers			
IN	Tipton, Arthur J.; Fujita, Shawn M.; Dunn, Richard L.			
PA	Atrix Laboratories, Inc., USA			
SO	Eur. Pat. Appl., 16 pp.			
	CODEN: EPXXDW			
DT	Patent			
LA	English			
FAN.CNT	2			
PI				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 560014	A1	19930915	EP 1993-100358	19930113
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE			
AU 9331174	A	19930916	AU 1993-31174	19930114

JP 06007423 A 19940118 JP 1993-46657 19930308
CA 2091552 A1 19930913 CA 1993-2091552 19930311
PRAI US 1992-849896 A 19920312
OSC.G 9 THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)

L9 ANSWER 22 OF 22 CAPLUS COPYRIGHT 2019 ACS on STN

AN 1985:209360 CAPLUS [Full-text](#)
DN 102:209360
OREF 102:32753a,32756a
TI Self-gelling **liquid composition** for topical application of medications
AU Gron, P.; Caslavaska, V.
CS Forsyth Dent. Cent., Boston, MA, 02115, USA
SO Caries Research (1985), 19(3), 228-31
CODEN: CAREBK; ISSN: 0008-6568
DOI 10.1159/000260848
DT Journal
LA English

=> S "Vancomycin, hydrochloride"

32593 "VANCOMYCIN"
40 "VANCOMYCINS"
32599 "VANCOMYCIN"
("VANCOMYCIN" OR "VANCOMYCINS")
312766 "HYDROCHLORIDE"
11337 "HYDROCHLORIDES"
318664 "HYDROCHLORIDE"
("HYDROCHLORIDE" OR "HYDROCHLORIDES")
L19 498 "VANCOMYCIN, HYDROCHLORIDE"
("VANCOMYCIN"(W)"HYDROCHLORIDE")

=> S L19 AND "Aqueous solutions"

316950 "AQUEOUS"
1 "AQUEOUSES"
316951 "AQUEOUS"
("AQUEOUS" OR "AQUEOUSES")
1611502 "AQ"
522 "AQS"
1611866 "AQ"
("AQ" OR "AQS")
1677874 "AQUEOUS"
("AQUEOUS" OR "AQ")
491526 "SOLUTIONS"
1 "SOLUTIONSESES"
491527 "SOLUTIONS"
("SOLUTIONS" OR "SOLUTIONSESES")
67390 "AQUEOUS SOLUTIONS"
("AQUEOUS"(W)"SOLUTIONS")

L20 3 L19 AND "AQUEOUS SOLUTIONS"

=> D L20 1-3

L20 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2019 ACS on STN

AN 2018:1892669 CAPLUS [Full-text](#)
TI Preparation of PEO-b-PPO-b-PEO/ α -cyclodextrin supramolecular
hydrogels hybridized with exfoliated graphite nanoplates
AU He, Fu-An; Liu, Liang-Zhen; Huang, Hua-Kun; Lv, Qu-Chen; Wu, Hui-Jun
CS College of Chemical Engineering, Guangdong University of Petrochemical
Technology, Maoming, Peop. Rep. China
SO Journal of Macromolecular Science, Part A: Pure and Applied Chemistry
(2018), 55(9), 642-648
CODEN: JSPCE6; ISSN: 1060-1325
DOI 10.1080/10601325.2018.1504609
PB Taylor & Francis, Inc.

DT Journal; (online computer file)
LA English
RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2019 ACS on STN

AN 2000:422873 CAPLUS [Full-text](#)
DN 133:212971
TI Effect of conformation on the rate of deamidation of vancomycin in
aqueous solutions
AU Antipas, Amy S.; Vander Velde, David G.; Jois, Seetharama D. S.; Siahaan,
Teruna; Stella, Valentino J.
CS Department of Pharmaceutical Chemistry, University of Kansas, Lawrence,
KS, 66047, USA
SO Journal of Pharmaceutical Sciences (2000), 89(6), 742-750
CODEN: JPMSAE; ISSN: 0022-3549
DOI 10.1002/(SICI)1520-6017(200006)89:6<742::AID-JPS5>3.0.CO;2-9
PB Wiley-Liss, Inc.
DT Journal
LA English
OSC.G 19 THERE ARE 19 CAPLUS RECORDS THAT CITE THIS RECORD (19 CITINGS)
RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2019 ACS on STN

[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 1987:521118 CAPLUS [Full-text](#)
DN 107:121118
OREF 107:19523a,19526a
TI Storable prepackaged **aqueous solutions** of vancomycin
IN Harris, Thomas M.; Harris, Constance M.
PA Vanderbilt University, USA
SO U.S., 5 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1
PPPI

	PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
	US 4670258	A	19870602	English	PDF PDF+ Interactive

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 4670258	A	19870602	US 1984-578848	19840210

PRAI US 1984-578848 19840210

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OSC.G 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)
RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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