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FILE 'HOME' ENTERED AT 13:16:03 ON 30 SEP 2024

=> Fil REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.35	0.35

FILE 'REGISTRY' ENTERED AT 13:16:13 ON 30 SEP 2024
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 29 SEP 2024 HIGHEST RN 3056065-67-6
DICTIONARY FILE UPDATES: 29 SEP 2024 HIGHEST RN 3056065-67-6

CAS Information Use Policies apply and are available at:

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

TSCA Inventory information is current through May 2024.

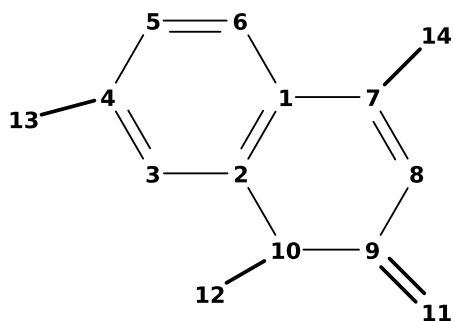
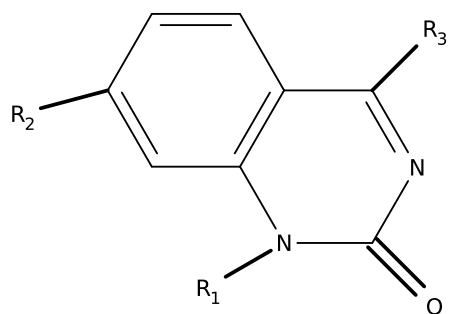
Please note that search-term pricing does apply when conducting SmartSELECT searches.

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: 2024_0035_Structure



R-Group Definitions

R1: Cy,Hy

R2: X,Ak,CF₃

R3: Ak,NH,NH₂

Node Attributes

Ring Nodes : 1 2 3 4 5 6 7 8 9 10

Chain Nodes : 11

Bond Attributes

Ring Bonds : 1-2 1-7 2-3 3-4 4-5 5-6 6-1 7-8 8-9 9-10 10-2

Chain Bonds : 4-13 7-14 9-11 10-12

Normalized Bonds : 1-2 2-3 3-4 4-5 5-6 6-1

Exact/Normalized Bonds : 1-7 4-13 7-8 7-14 8-9 9-10 9-11 10-2 10-12

Markush Attributes

Match Level (ATOM) : 1 2 3 4 5 6 7 8 9 10
Match Level (CLASS) : 11
Element Count Level (LIMITED) : 1 2 3 4 5 6 7 8 9 10 11

L1 STRUCTURE UPLOADED

=> s 11

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SAMPLE SCREEN SEARCH COMPLETED - 59575 TO ITERATE

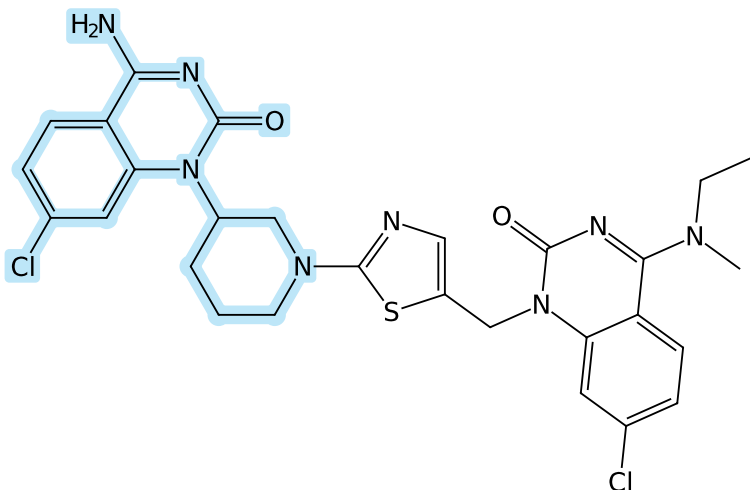
100.0% PROCESSED 59575 ITERATIONS 12 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1176885 TO 1206115
PROJECTED ANSWERS: 33 TO 447

L2 12 SEA SSS SAM L1

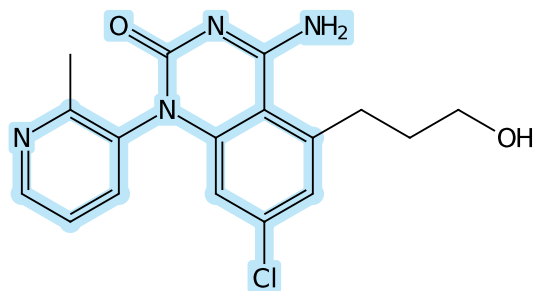
=> d 12 1-12

L2 ANSWER 1 OF 12 REGISTRY COPYRIGHT 2024 ACS on STN
RN 3055354-79-2 REGISTRY
ED Entered STN: 22 Sep 2024
CN INDEX NAME NOT YET ASSIGNED
MF C28 H28 Cl2 N8 O2 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



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

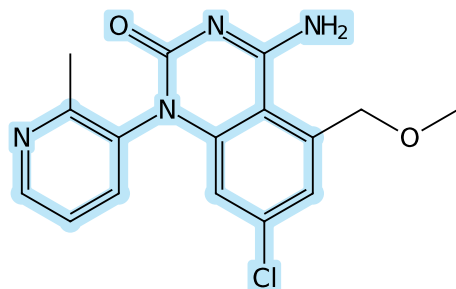
L2 ANSWER 2 OF 12 REGISTRY COPYRIGHT 2024 ACS on STN
RN 3025017-74-4 REGISTRY
ED Entered STN: 18 Jan 2024
CN 2(1H)-Quinazolinone,
4-amino-7-chloro-5-(3-hydroxypropyl)-1-(2-methyl-3-pyridinyl)- (CA INDEX NAME)
MF C17 H17 Cl N4 O2
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



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

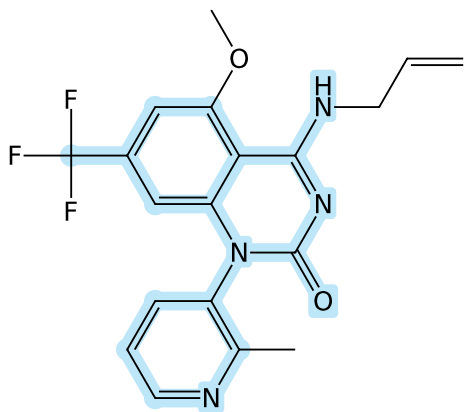
L2 ANSWER 3 OF 12 REGISTRY COPYRIGHT 2024 ACS on STN
RN 3025017-66-4 REGISTRY
ED Entered STN: 18 Jan 2024
CN 2(1H)-Quinazolinone,
4-amino-7-chloro-5-(methoxymethyl)-1-(2-methyl-3-pyridinyl)- (CA INDEX NAME)
MF C16 H15 Cl N4 O2
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

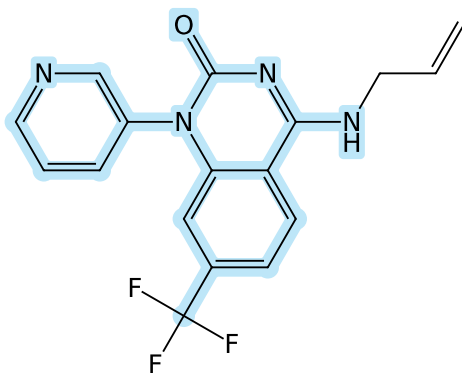
L2 ANSWER 4 OF 12 REGISTRY COPYRIGHT 2024 ACS on STN
RN 2923986-89-2 REGISTRY
ED Entered STN: 18 May 2023
CN 2(1H)-Quinazolinone,
5-methoxy-1-(2-methyl-3-pyridinyl)-4-(2-propen-1-ylamino)-7-(trifluoromethyl)-
(CA INDEX NAME)
MF C19 H17 F3 N4 O2
SR CA
LC STN Files: CA, CAPLUS, CASBIOACTIVI, CASREACT, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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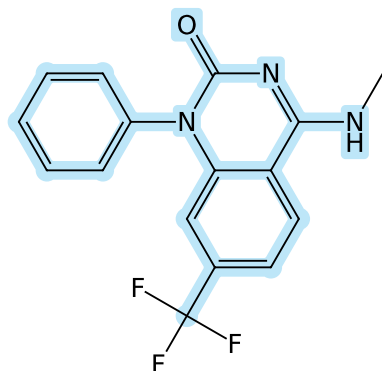
L2 ANSWER 5 OF 12 REGISTRY COPYRIGHT 2024 ACS on STN
RN 2923986-88-1 REGISTRY
ED Entered STN: 18 May 2023
CN 2(1H)-Quinazolinone,
4-(2-propen-1-ylamino)-1-(3-pyridinyl)-7-(trifluoromethyl)- (CA INDEX NAME)
MF C17 H13 F3 N4 O
SR CA
LC STN Files: CA, CAPLUS, CASBIOACTIVI, CASREACT, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

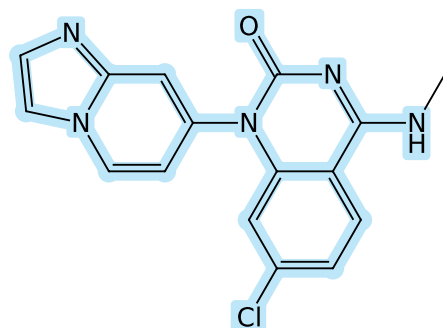
L2 ANSWER 6 OF 12 REGISTRY COPYRIGHT 2024 ACS on STN
RN 2439276-04-5 REGISTRY
ED Entered STN: 02 Jul 2020
CN 2(1H)-Quinazolinone, 4-(methylamino)-1-phenyl-7-(trifluoromethyl)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 4-(Methylamino)-1-phenyl-7-(trifluoromethyl)-2(1H)-quinazolinone
MF C16 H12 F3 N3 O
SR CA
LC STN Files: CA, CAPLUS, CASBIOACTIVI, CASREACT, CHEMCATS, TOXCENTER, USPATFULL



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4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

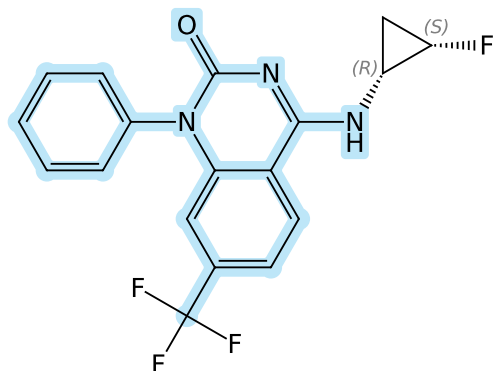
L2 ANSWER 7 OF 12 REGISTRY COPYRIGHT 2024 ACS on STN
RN 2439275-07-5 REGISTRY
ED Entered STN: 02 Jul 2020
CN 2(1H)-Quinazolinone,
7-chloro-1-imidazo[1,2-a]pyridin-7-yl-4-(methylamino)-(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 7-Chloro-1-imidazo[1,2-a]pyridin-7-yl-4-(methylamino)-2(1H)-quinazolinone
MF C16 H12 Cl N5 O
SR CA
LC STN Files: CA, CAPLUS, CASBIOACTIVI, CASREACT, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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

L2 ANSWER 8 OF 12 REGISTRY COPYRIGHT 2024 ACS on STN
RN 2439273-48-8 REGISTRY
ED Entered STN: 02 Jul 2020
CN 2(1H)-Quinazolinone,
4-[[[(1R,2S)-2-fluorocyclopropyl]amino]-1-phenyl-7-(trifluoromethyl)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 4-[[[(1R,2S)-2-Fluorocyclopropyl]amino]-1-phenyl-7-(trifluoromethyl)-2(1H)-quinazolinone
FS STEREOSEARCH
MF C18 H13 F4 N3 O
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL

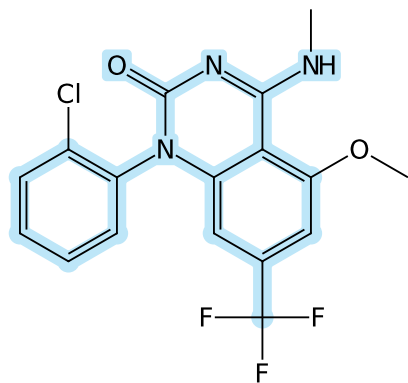


Absolute stereochemistry shown

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

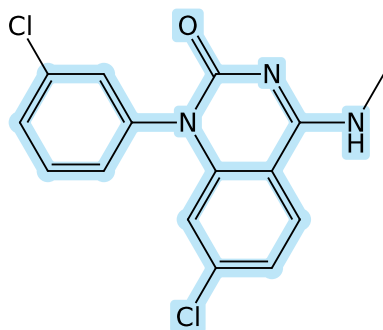
L2 ANSWER 9 OF 12 REGISTRY COPYRIGHT 2024 ACS on STN
RN 2439273-21-7 REGISTRY
ED Entered STN: 02 Jul 2020
CN 2(1H)-Quinazolinone,
1-(2-chlorophenyl)-5-methoxy-4-(methylamino)-7-(trifluoromethyl)- (CA INDEX
NAME)
OTHER CA INDEX NAMES:
CN 1-(2-Chlorophenyl)-5-methoxy-4-(methylamino)-7-(trifluoromethyl)-2(1H)-quin
azolinone
MF C17 H13 Cl F3 N3 O2
SR CA
LC STN Files: CA, CAPLUS, CASBIOACTIVI, CASREACT, TOXCENTER, USPATFULL



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

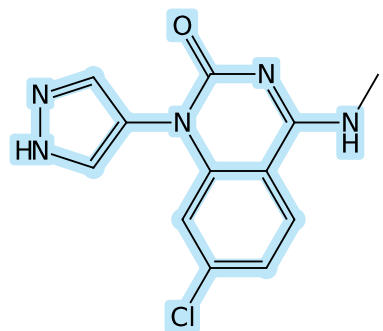
L2 ANSWER 10 OF 12 REGISTRY COPYRIGHT 2024 ACS on STN
RN 2439272-09-8 REGISTRY
ED Entered STN: 02 Jul 2020
CN 2(1H)-Quinazolinone, 7-chloro-1-(3-chlorophenyl)-4-(methylamino)- (CA
INDEX NAME)
OTHER CA INDEX NAMES:
CN 7-Chloro-1-(3-chlorophenyl)-4-(methylamino)-2(1H)-quinazolinone
MF C15 H11 Cl2 N3 O
SR CA
LC STN Files: CA, CAPLUS, CASBIOACTIVI, CASREACT, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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

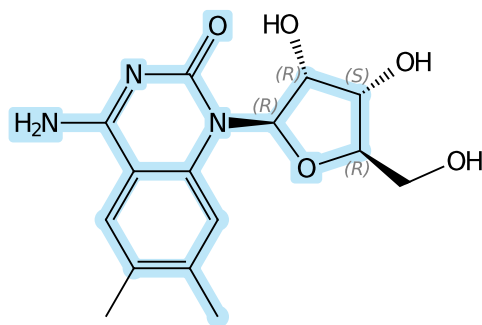
L2 ANSWER 11 OF 12 REGISTRY COPYRIGHT 2024 ACS on STN
RN 2439271-73-3 REGISTRY
ED Entered STN: 02 Jul 2020
CN 2(1H)-Quinazolinone, 7-chloro-4-(methyamino)-1-(1H-pyrazol-4-yl)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 7-Chloro-4-(methyamino)-1-(1H-pyrazol-4-yl)-2(1H)-quinazolinone
MF C12 H10 Cl N5 O
SR CA
LC STN Files: CA, CAPLUS, CASBIOACTIVI, CASREACT, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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

L2 ANSWER 12 OF 12 REGISTRY COPYRIGHT 2024 ACS on STN
RN 136858-88-3 REGISTRY
ED Entered STN: 25 Oct 1991
CN 2(1H)-Quinazolinone, 4-amino-6,7-dimethyl-1-beta-D-ribofuranosyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 4-Amino-6,7-dimethyl-1-beta-D-ribofuranosyl-2(1H)-quinazolinone
FS STEREOSEARCH
MF C15 H19 N3 O5
SR CA
LC STN Files: CA, CAPLUS



Absolute stereochemistry shown

****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

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

=> Fil CAPLUS

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	110.43	110.78

FILE 'CAPLUS' ENTERED AT 13:21:50 ON 30 SEP 2024
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FILE COVERS 1907 - 30 Sep 2024 VOL 188 ISS 4
FILE LAST UPDATED: 29 Sep 2024 (20240929/ED)

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

=> s ll

**** 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 14:22:05 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 59575 TO ITERATE

100.0% PROCESSED 59575 ITERATIONS 12 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1176885 TO 1206115
PROJECTED ANSWERS: 33 TO 447

L3 12 SEA SSS SAM L1

L4 8 L3

=> d 14 1-8

L4 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2024 ACS on STN
[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)
AN 2024:1945518 CAPLUS [Full-text](#)
DN 188:105211
TI Methionine adenosyltransferase 2a inhibitor and medical use thereof
IN Wu, Jingwei; Yin, Lei
PA Gan & Lee Pharm Co., Ltd., Peop. Rep. China
SO PCT Int. Appl., 296pp.
CODEN: PIXXD2
DT Patent
LA Chinese
FAN.CNT 1
PPPI

PI	PATENT NO.		KIND	DATE	LANGUAGE	PatentPak
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	WO 2024183778		A1	20240912	Chinese	PDF PDF+ Interactive
PRAI	PATENT NO.		KIND	DATE	APPLICATION NO.	DATE
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	WO 2024183778		A1	20240912	WO 2024-CN80417	20240307
	CN 2023-10205431		A	20230306		
	CN 2023-11814163		A	20231227		
	CN 2024-10176788		A	20240208		
PSPI	PATENT NO.		KIND	STATUS	STATUS DATE	
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	WO 2024183778		A1	Alive	20240919	

LINK INFORMATION		
PUBLICATIONS	APPLICATIONS	REGISTER
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WO 2024183778 A1	WO 2024-CN80417	Register Global Dossier

L4 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2024 ACS on STN
[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)
AN 2024:18756 CAPLUS [Full-text](#)
DN 185:218962
TI Tricyclic compounds and application as MAT2A inhibitor
IN Wang, Kuanglei; Guo, Jianqiao; Zhao, Chuanwu; Chu, Wenhao; Zhang, Xiaolin;
Zhang, Xuejiao; Guo, Wenmin; Geng, Jia; Liu, Yongmei
PA CSPC Zhongqi Pharmaceutical Technology (Shijiazhuang) Co., Ltd., Peop.
Rep. China
UO CSPC PHARMACEUTICAL GROUP LIMITED
UOS CSPC Group
SO PCT Int. Appl., 99pp.
CODEN: PIXXD2
DT Patent
LA Chinese

FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2024002024	A1	20240104	Chinese	PDF PDF+ Interactive

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2024002024	A1	20240104	WO 2023-CN102500	20230626

PRAI

CN 2022-10734328	A	20220627		
CN 2022-11120467	A	20220915		
CN 2023-10135765	A	20230220		

PSPI

PATENT NO.	KIND	STATUS	STATUS DATE
WO 2024002024	A1	Alive	20240111

OS

MARPAT 185:218962

RE.CNT 5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

LINK INFORMATION

PUBLICATIONS	APPLICATIONS	REGISTER
WO 2024002024 A1	WO 2023-CN102500	Register Global Dossier

L4 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2024 ACS on STN
[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2023:1953191 CAPLUS [Full-text](#)

DN 184:128512

TI Combination therapy comprising a MAT2A inhibitor and an antimetabolite agent for treatment of diseases such as cancer

IN Neilan, Claire L.; Fischer, Marcus Michael; Gerrick, Kimberline Yang; Laraio, Jenny Leigh; Mazurek, Anthony; Sharma, Geeta

PA IDEAYA Biosciences, Inc., USA; GlaxoSmithKline Intellectual Property (No.4) Limited

UO IDEAYA BIOSCIENCES INC.; GSK PLC

UOS IDEAYA Biosciences; GSK PLC

SO PCT Int. Appl., 107pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2023177894	A1	20230921	English	PDF PDF+ Interactive

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2023177894	A1	20230921	WO 2023-US15548	20230317

PRAI

US 2022-63321330	P	20220318		
US 2022-61369501	P	20220726		
US 2022-61373139	P	20220822		

PSPI

PATENT NO.	KIND	STATUS	STATUS DATE
WO 2023177894	A1	Alive	20230928

OS

MARPAT 184:128512

LINK INFORMATION

PUBLICATIONS	APPLICATIONS	REGISTER
WO 2023177894 A1	WO 2023-US15548	Register Global Dossier

L4 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2024 ACS on STN
[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2023:849779 CAPLUS [Full-text](#)

DN 182:398417

TI Preparation of substituted quinazolinones and pyridopyrimidinones as methionine adenosyltransferase 2a (MAT2A) inhibitors and uses thereof

IN Chen, Chiachun; Ding, Xiao; Liu, Xiaosong; Meng, Qingyuan; Ren, Feng; Wang, Hailong

PA Insilico Medicine IP Limited, Peop. Rep. China
UO INSILICO MEDICINE CAYMAN TOPCO
UOS Insilico Medicine
SO PCT Int. Appl., 141pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2023066283	A1	20230427	English	PDF PDF+ Interactive
KR 2024089791	A	20240620	Korean	PDF
CN 118434722	A	20240802	Chinese	PDF
US 20240132465	A1	20240425	English	PDF
IL 312076	A	20240601	English	PDF

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2023066283	A1	20230427	WO 2022-CN126096	20221019
CA 3234810	A1	20230427	CA 2022-3234810	20221019
AR 127404	A1	20240117	AR 2022-102842	20221019
IL 312076	A0	20240501	IL 2022-312076	20221019
AU 2022373595	A1	20240502	AU 2022-373595	20221019
SG 11202402459	A	20240531	SG 2024-11202402459	20221019
KR 2024089791	A	20240620	KR 2024-7016066	20221019
CN 118434722	A	20240802	CN 2022-80084789	20221019
EP 4419506	A1	20240828	EP 2022-882888	20221019
US 20240132465	A1	20240425	US 2023-18509658	20231115
US 11999713	B2	20240604		
IL 312076	A	20240601	IL 2024-312076	20240411

PRAI	WO 2021-CN125035	A	20211020
	WO 2022-CN116510	A	20220901
	WO 2022-CN126096	W	20221019

PATENT NO.	KIND	STATUS	STATUS DATE
WO 2023066283	A1	Alive	20230504
CA 3234810	A1	Alive	20240425
AR 127404	A1	Alive	20240215
AU 2022373595	A1	Alive	20240509
KR 2024089791	A	Alive	20240711
CN 118434722	A	Alive	20240815
EP 4419506	A1	Alive	20240829
US 20240132465	A1	Alive	20240606
US 11999713	B2	Alive	20240606
IL 312076	A	Alive	20240613

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS CASREACT 182:398417; MARPAT 182:398417

LINK INFORMATION		
PUBLICATIONS	APPLICATIONS	REGISTER
AR 127404 A1	AR 2022-102842	Register
AU 2022373595 A1	AU 2022-373595	Register
CA 3234810 A1	CA 2022-3234810	Register
CN 118434722 A	CN 2022-80084789	Register Global Dossier
EP 4419506 A1	EP 2022-882888	Register Federated Reg.
IL 312076 A0	IL 2022-312076	Register
IL 312076 A	IL 2024-312076	Register
KR 2024089791 A	KR 2024-7016066	Register Global Dossier
SG 11202402459 A	SG 2024-11202402459	Register
US 11999713 B2	US 2023-18509658	Register Global Dossier
US 20240132465 A1	US 2023-18509658	Register Global Dossier
WO 2023066283 A1	WO 2022-CN126096	Register Global Dossier

L4 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2024 ACS on STN
[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)
AN 2022:3044284 CAPLUS [Full-text](#)
DN 181:118166
TI Combination therapy comprising a methionine adenosyltransferase II alpha (MAT2A) inhibitor and Type II protein arginine methyltransferase (Type II

PRMT) inhibitor
IN Dillon, Michael Patrick; Neilan, Claire L.; Fischer, Marcus Michael;
Gerrick, Kimberline Yang
PA IDEAYA Biosciences, Inc., USA
UO IDEAYA BIOSCIENCES INC.
UOS IDEAYA Biosciences
SO PCT Int. Appl., 332pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2022256806	A1	20221208	English	PDF PDF+ Interactive
CA 3220160	A1	20221208	English	PDF
KR 2024019172	A	20240214	Korean	PDF
CN 117715893	A	20240315	Chinese	PDF
JP 2024521920	T	20240604	Japanese	PDF
US 20240108626	A1	20240404	English	PDF
US 20240173326	A1	20240530	English	PDF

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2022256806	A1	20221208	WO 2022-US72693	20220601
CA 3220160	A1	20221208	CA 2022-3220160	20220601
AU 2022287057	A1	20231214	AU 2022-287057	20220601
SG 11202309188	A	20231229	SG 2023-11202309188	20220601
KR 2024019172	A	20240214	KR 2023-7045309	20220601
BR 112023025360	A2	20240220	BR 2023-112023025360	20220601
CN 117715893	A	20240315	CN 2022-80051230	20220601
EP 4347569	A1	20240410	EP 2022-817027	20220601
JP 2024521920	T	20240604	JP 2023-574589	20220601
US 20240108626	A1	20240404	US 2023-18501729	20231103
IL 308853	A	20240101	IL 2023-308853	20231126
CL 2023003603	A1	20240712	CL 2023-3603	20231201
US 20240173326	A1	20240530	US 2024-18405638	20240105

PRAI	US 2021-63196008	P	20210602
	US 2022-63362438	P	20220404
	US 2022-63364360	P	20220509
	WO 2022-US72693	W	20220601
	US 2023-18501729	A1	20231103

PATENT NO.	KIND	STATUS	STATUS DATE
WO 2022256806	A1	Alive	20221215
CA 3220160	A1	Alive	20231207
AU 2022287057	A1	Alive	20231221
KR 2024019172	A	Alive	20240229
BR 112023025360	A2	Alive	20240418
CN 117715893	A	Alive	20240321
EP 4347569	A1	Alive	20240411
JP 2024521920	T	Alive	20240613
US 20240108626	A1	Alive	20240411
IL 308853	A	Alive	20240118
CL 2023003603	A1	Alive	20240912
US 20240173326	A1	Alive	20240606

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS MARPAT 181:118166
OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

PUBLICATIONS	APPLICATIONS	REGISTER
AU 2022287057 A1	AU 2022-287057	Register
BR 112023025360 A2	BR 2023-112023025360	Register
CA 3220160 A1	CA 2022-3220160	Register
CL 2023003603 A1	CL 2023-3603	Register
CN 117715893 A	CN 2022-80051230	Register Global Dossier
EP 4347569 A1	EP 2022-817027	Register Federated Req.
IL 308853 A	IL 2023-308853	Register
JP 2024521920 T	JP 2023-574589	Register Global Dossier

KR 2024019172 A	KR 2023-7045309	Register	Global Dossier
SG 11202309188 A	SG 2023-11202309188	Register	
US 20240108626 A1	US 2023-18501729	Register	Global Dossier
US 20240173326 A1	US 2024-18405638	Register	Global Dossier
WO 2022256806 A1	WO 2022-US72693	Register	Global Dossier

L4 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2024 ACS on STN
[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2022:3044278 CAPLUS [Full-text](#)

DN 181:98670

TI Combination therapy comprising a methionine adenosyltransferase II alpha (MAT2A) inhibitor and Type I protein arginine methyltransferase (Type I PRMT) inhibitor

IN Dillon, Michael Patrick; Fischer, Marcus Michael; Gerrick, Kimberline Yang; Laraio, Jenny; Mohammad, Helai; Smitheman, Kimberly

PA IDEAYA Biosciences Inc., USA; GlaxoSmithKline Intellectual Property (No.4) Limited

UO IDEAYA BIOSCIENCES INC.; GSK PLC

UOS IDEAYA Biosciences; GSK PLC

SO PCT Int. Appl., 249pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2022256808	A1	20221208	English	PDF PDF+ Interactive
US 20240269143	A1	20240815	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2022256808	A1	20221208	WO 2022-US72697	20220601
EP 4351570	A1	20240417	EP 2022-817029	20220601
US 20240269143	A1	20240815	US 2023-18565392	20231129

PRAI US 2021-63196025

WO 2022-US72697

PSPI

PATENT NO.	KIND	STATUS	STATUS DATE
WO 2022256808	A1	Alive	20221215
EP 4351570	A1	Alive	20240418
US 20240269143	A1	Alive	20240822

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 181:98670

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

LINK INFORMATION

PUBLICATIONS	APPLICATIONS	REGISTER
EP 4351570 A1	EP 2022-817029	Register Federated Req.
US 20240269143 A1	US 2023-18565392	Register Global Dossier
WO 2022256808 A1	WO 2022-US72697	Register Global Dossier

L4 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2024 ACS on STN
[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2020:1167044 CAPLUS [Full-text](#)

DN 173:142846

TI 2-Oxoquinazoline derivatives as methionine adenosyltransferase 2A inhibitors and their preparation

IN Alam, Muzaffar; Cleary, Leah; Fleury, Melissa; Pei, Zhonghua; Steel, Richard; Sutton, James; Knox, John E.; Newby, Zachary E. R.

PA Ideaya Biosciences, Inc., USA

UO IDEAYA BIOSCIENCES INC.

UOS IDEAYA Biosciences

SO PCT Int. Appl., 485pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2020123395	A1	20200618	English	PDF PDF+ Interactive
CA 3121236	A1	20200618	English	PDF
CN 113166078	A	20210723	Chinese	PDF
KR 2021103498	A	20210823	Korean	PDF
JP 2022512156	T	20220202	Japanese	PDF
US 11046691	B1	20210629	English	PDF
US 11084798	B1	20210810	English	PDF
US 11130759	B1	20210928	English	PDF
US 20220106276	A1	20220407	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2020123395	A1	20200618	WO 2019-US65260	20191209
CA 3121236	A1	20200618	CA 2019-3121236	20191209
MX 2021006841	A	20210702	MX 2021-6841	20191209
CN 113166078	A	20210723	CN 2019-80081299	20191209
AU 2019395338	A1	20210729	AU 2019-395338	20191209
KR 2021103498	A	20210823	KR 2021-7021424	20191209
BR 112021010842	A2	20210824	BR 2021-112021010842	20191209
EP 3894396	A1	20211020	EP 2019-832505	20191209
JP 2022512156	T	20220202	JP 2021-532487	20191209
SG 10202301591	A	20230728	SG 2023-10202301591	20191209
US 11046691	B1	20210629	US 2021-17175578	20210212
US 11084798	B1	20210810	US 2021-17175579	20210212
US 11130759	B1	20210928	US 2021-17175581	20210212
US 20220106276	A1	20220407	US 2021-17311873	20210608
CL 2021001508	A1	20220121	CL 2021-1508	20210609
CL 67410	B	20230822		
IN 202117030075	A	20211210	IN 2021-17030075	20210705
CO 2021008895	A2	20210730	CO 2021-8895	20210706
CL 2022001777	A1	20230310	CL 2022-1777	20220629
PRAI US 2018-62777715	P	20181210		
US 2019-62835853	P	20190418		
US 2019-62883945	P	20190807		
SG 2021-11202105469	A3	20191209		
WO 2019-US65260	W	20191209		

PSPI

PATENT NO.	KIND	STATUS	STATUS DATE
WO 2020123395	A1	Dead	20230810
CA 3121236	A1	Alive	20211007
MX 2021006841	A	Alive	20230504
CN 113166078	A	Alive	20210729
AU 2019395338	A1	Alive	20210805
KR 2021103498	A	Alive	20210909
BR 112021010842	A2	Alive	20211118
EP 3894396	A1	Alive	20211121
JP 2022512156	T	Alive	20220224
US 11046691	B1	Alive	20210708
US 11084798	B1	Alive	20210820
US 11130759	B1	Alive	20211007
US 20220106276	A1	Alive	20220414
CL 2021001508	A1	Alive	20220317
CO 2021008895	A2	Alive	20210812
CL 2022001777	A1	Alive	20230420

OS CASREACT 173:142846; MARPAT 173:142846

OSC.G 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (14 CITINGS)

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

ALL CITATIONS AVAILABLE IN THE RE FORMAT

LINK INFORMATION

PUBLICATIONS	APPLICATIONS	REGISTER
AU 2019395338 A1	AU 2019-395338	Register
BR 112021010842 A2	BR 2021-112021010842	Register
CA 3121236 A1	CA 2019-3121236	Register
CL 2021001508 A1	CL 2021-1508	Register
CL 67410 B	CL 2021-1508	Register
CL 2022001777 A1	CL 2022-1777	Register
CN 113166078 A	CN 2019-80081299	Register Global Dossier

CO 2021008895 A2	CO 2021-8895	Register
EP 3894396 A1	EP 2019-832505	Register Federated Req.
IN 202117030075 A	IN 2021-17030075	Register
JP 2022512156 T	JP 2021-532487	Register Global Dossier
KR 2021103498 A	KR 2021-7021424	Register Global Dossier
MX 2021006841 A	MX 2021-6841	Register
SG 10202301591 A	SG 2023-10202301591	Register
US 11046691 B1	US 2021-17175578	Register Global Dossier
US 11084798 B1	US 2021-17175579	Register Global Dossier
US 11130759 B1	US 2021-17175581	Register Global Dossier
US 20220106276 A1	US 2021-17311873	Register Global Dossier
WO 2020123395 A1	WO 2019-US65260	Register Global Dossier

L4 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2024 ACS on STN

AN 1991:608437 CAPLUS [Full-text](#)
 DN 115:208437
 OREF 115:35593a,35596a
 TI Nucleosides. XLVIII. Syntheses and properties of quinazoline
 N-1-ribofuranosides
 AU Dunkel, Martin; Pfleiderer, Wolfgang
 CS Fak. Chem., Univ. Konstanz, Konstanz, D-7750, Germany
 SO Nucleosides & Nucleotides (1991), 10(4), 799-817
 CODEN: NUNUD5; ISSN: 0732-8311
 DOI 10.1080/07328319108046663
 DT Journal
 LA English
 OS CASREACT 115:208437
 OSC.G 12 THERE ARE 12 CAPLUS RECORDS THAT CITE THIS RECORD (12 CITINGS)

=> Fil REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	92.26	207.51

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STRUCTURE FILE UPDATES: 29 SEP 2024 HIGHEST RN 3056065-67-6
 DICTIONARY FILE UPDATES: 29 SEP 2024 HIGHEST RN 3056065-67-6

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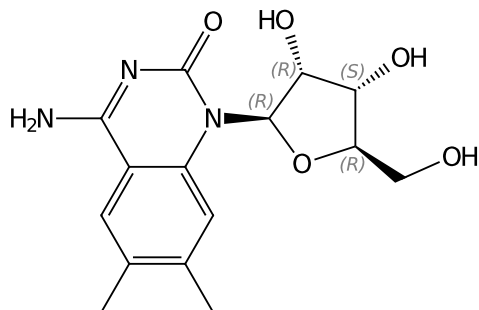
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 predicted properties as well as tags indicating availability of
 experimental property data in the original document. For information
 on property searching in REGISTRY, refer to:

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

=> D ACC 136858-88-3 SQIDE

ANSWER 1 REGISTRY COPYRIGHT 2024 ACS on STN
 RN 136858-88-3 REGISTRY
 ED Entered STN: 25 Oct 1991

CN 2(1H)-Quinazolinone, 4-amino-6,7-dimethyl-1-β-D-ribofuranosyl- (CA
INDEX NAME)
OTHER CA INDEX NAMES:
CN 4-Amino-6,7-dimethyl-1-β-D-ribofuranosyl-2(1H)-quinazolinone
FS STEREOSEARCH
MF C15 H19 N3 O5
SR CA
LC STN Files: CA, CAPLUS
DT.CA CAplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation)



Absolute stereochemistry shown

****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

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

=> Fil CAPLUS

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	10.86	218.37

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FILE COVERS 1907 - 30 Sep 2024 VOL 188 ISS 4
FILE LAST UPDATED: 29 Sep 2024 (20240929/ED)

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
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	ENTRY	SESSION
FULL ESTIMATED COST	2.26	220.63

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STRUCTURE FILE UPDATES: 29 SEP 2024 HIGHEST RN 3056065-67-6
DICTIONARY FILE UPDATES: 29 SEP 2024 HIGHEST RN 3056065-67-6

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experimental property data in the original document. For information
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<http://www.cas.org/training/stn/database-specific>

=> S 136858-88-3/RN

L5 1 136858-88-3/RN

=> Fil CHEMCATS

	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	2.21	222.84

FILE 'CHEMCATS' ENTERED AT 13:25:40 ON 30 SEP 2024
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FILE LAST UPDATED 27 SEPTEMBER 2024

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For details on recent updates and current record counts in CHEMCATS,
enter NEWS FILE at an arrow prompt (=>). See HELP CONTENT for more
details.

CHEMCATS now offers additional search and custom display options,
and more frequent updates. See NEWS for details.

Because accession numbers are reassigned to CHEMCATS records at
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=> S L5; D ALL TOTAL

L6

0 L5

L6 HAS NO ANSWERS

L5 1 SEA FILE=REGISTRY 136858-88-3/RN

L6 0 SEA FILE=CHEMCATS L5

=> Fil REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.18	227.02

FILE 'REGISTRY' ENTERED AT 13:25:41 ON 30 SEP 2024
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STRUCTURE FILE UPDATES: 29 SEP 2024 HIGHEST RN 3056065-67-6
DICTIONARY FILE UPDATES: 29 SEP 2024 HIGHEST RN 3056065-67-6

CAS Information Use Policies apply and are available at:

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TSCA Inventory information is current through May 2024.

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:

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=> Fil CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.21	229.23

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FILE COVERS 1907 - 30 Sep 2024 VOL 188 ISS 4
FILE LAST UPDATED: 29 Sep 2024 (20240929/ED)

CAS Information Use Policies apply and are available at:

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

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

=> s l5

L7 1 L5

=> d l7 1

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2024 ACS on STN

AN 1991:608437 CAPLUS [Full-text](#)

DN 115:208437

OREF 115:35593a,35596a

TI Nucleosides. XLVIII. Syntheses and properties of quinazoline N-1-ribofuranosides

AU Dunkel, Martin; Pfleiderer, Wolfgang

CS Fak. Chem., Univ. Konstanz, Konstanz, D-7750, Germany

SO Nucleosides & Nucleotides (1991), 10(4), 799-817

CODEN: NUNUD5; ISSN: 0732-8311

DOI 10.1080/07328319108046663

DT Journal

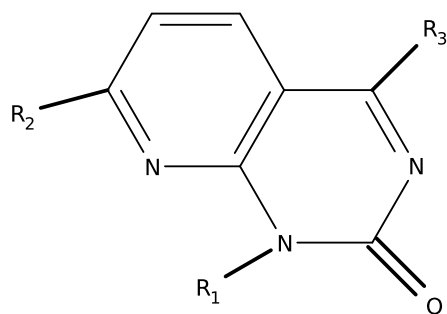
LA English

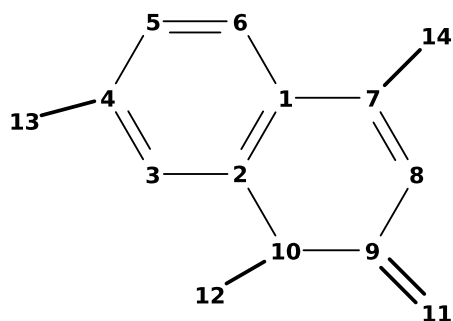
OS CASREACT 115:208437

OSC.G 12 THERE ARE 12 CAPLUS RECORDS THAT CITE THIS RECORD (12 CITINGS)

=>

Uploading structure file: 2024_0036_Structure





R-Group Definitions

R1: Cy,Hy

R2: X,Ak,CF3

R3: Ak,NH,NH2

Node Attributes

Ring Nodes : 1 2 3 4 5 6 7 8 9 10

Chain Nodes : 11

Bond Attributes

Ring Bonds : 1-2 1-7 2-3 3-4 4-5 5-6 6-1 7-8 8-9 9-10 10-2

Chain Bonds : 4-13 7-14 9-11 10-12

Normalized Bonds : 1-2 2-3 3-4 4-5 5-6 6-1

Exact/Normalized Bonds : 1-7 4-13 7-8 7-14 8-9 9-10 9-11 10-2 10-12

Markush Attributes

Match Level (ATOM) : 1 2 3 4 5 6 7 8 9 10

Match Level (CLASS) : 11

Element Count Level (LIMITED) : 1 2 3 4 5 6 7 8 9 10 11

L8 STRUCTURE UPLOADED

=> s 18

** 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 14:27:37 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 18354 TO ITERATE

100.0% PROCESSED 18354 ITERATIONS
SEARCH TIME: 00.00.01

10 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 358957 TO 375203
PROJECTED ANSWERS: 11 TO 389

L9 10 SEA SSS SAM L8

L10 7 L9

=> d l10 1-7

L10 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2024 ACS on STN
[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2022:3044284 CAPLUS [Full-text](#)
DN 181:118166
TI Combination therapy comprising a methionine adenosyltransferase II alpha (MAT2A) inhibitor and Type II protein arginine methyltransferase (Type II PRMT) inhibitor
IN Dillon, Michael Patrick; Neilan, Claire L.; Fischer, Marcus Michael; Gerrick, Kimberline Yang
PA IDEAYA Biosciences, Inc., USA
UO IDEAYA BIOSCIENCES INC.
UOS IDEAYA Biosciences
SO PCT Int. Appl., 332pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

	PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
	WO 2022256806	A1	20221208	English	PDF PDF+ Interactive
	CA 3220160	A1	20221208	English	PDF
	KR 2024019172	A	20240214	Korean	PDF
	CN 117715893	A	20240315	Chinese	PDF
	JP 2024521920	T	20240604	Japanese	PDF
	US 20240108626	A1	20240404	English	PDF
	US 20240173326	A1	20240530	English	PDF

PI	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	WO 2022256806	A1	20221208	WO 2022-US72693	20220601
	CA 3220160	A1	20221208	CA 2022-3220160	20220601
	AU 2022287057	A1	20231214	AU 2022-287057	20220601
	SG 11202309188	A	20231229	SG 2023-11202309188	20220601
	KR 2024019172	A	20240214	KR 2023-7045309	20220601
	BR 112023025360	A2	20240220	BR 2023-112023025360	20220601
	CN 117715893	A	20240315	CN 2022-80051230	20220601
	EP 4347569	A1	20240410	EP 2022-817027	20220601
	JP 2024521920	T	20240604	JP 2023-574589	20220601
	US 20240108626	A1	20240404	US 2023-18501729	20231103
	IL 308853	A	20240101	IL 2023-308853	20231126
	CL 2023003603	A1	20240712	CL 2023-3603	20231201
	US 20240173326	A1	20240530	US 2024-18405638	20240105

PRAI	US 2021-63196008	P	20210602
	US 2022-63362438	P	20220404
	US 2022-63364360	P	20220509
	WO 2022-US72693	W	20220601
	US 2023-18501729	A1	20231103

PSPI	PATENT NO.	KIND	STATUS	STATUS DATE
	WO 2022256806	A1	Alive	20221215
	CA 3220160	A1	Alive	20231207
	AU 2022287057	A1	Alive	20231221
	KR 2024019172	A	Alive	20240229

BR 112023025360 A2 Alive 20240418
CN 117715893 A Alive 20240321
EP 4347569 A1 Alive 20240411
JP 2024521920 T Alive 20240613
US 20240108626 A1 Alive 20240411
IL 308853 A Alive 20240118
CL 2023003603 A1 Alive 20240912
US 20240173326 A1 Alive 20240606

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS MARPAT 181:118166
OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

LINK INFORMATION		
PUBLICATIONS	APPLICATIONS	REGISTER

AU 2022287057 A1	AU 2022-287057	Register
BR 112023025360 A2	BR 2023-112023025360	Register
CA 3220160 A1	CA 2022-3220160	Register
CL 2023003603 A1	CL 2023-3603	Register
CN 117715893 A	CN 2022-80051230	Register Global Dossier
EP 4347569 A1	EP 2022-817027	Register Federated Reg.
IL 308853 A	IL 2023-308853	Register
JP 2024521920 T	JP 2023-574589	Register Global Dossier
KR 2024019172 A	KR 2023-7045309	Register Global Dossier
SG 11202309188 A	SG 2023-11202309188	Register
US 20240108626 A1	US 2023-18501729	Register Global Dossier
US 20240173326 A1	US 2024-18405638	Register Global Dossier
WO 2022256806 A1	WO 2022-US72693	Register Global Dossier

L10 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2024 ACS on STN
[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)
AN 2022:3044278 CAPLUS [Full-text](#)
DN 181:98670
TI Combination therapy comprising a methionine adenosyltransferase II alpha (MAT2A) inhibitor and Type I protein arginine methyltransferase (Type I PRMT) inhibitor
IN Dillon, Michael Patrick; Fischer, Marcus Michael; Gerrick, Kimberline Yang; Laraio, Jenny; Mohammad, Helai; Smitheman, Kimberly
PA IDEAYA Biosciences Inc., USA; GlaxoSmithKline Intellectual Property (No.4) Limited
UO IDEAYA BIOSCIENCES INC.; GSK PLC
UOS IDEAYA Biosciences; GSK PLC
SO PCT Int. Appl., 249pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

	PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
	-----	-----	-----	-----	-----
PI	WO 2022256808	A1	20221208	English	PDF PDF+ Interactive
	US 20240269143	A1	20240815	English	PDF
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	-----	-----	-----	-----
PRAI	WO 2022256808	A1	20221208	WO 2022-US72697	20220601
	EP 4351570	A1	20240417	EP 2022-817029	20220601
	US 20240269143	A1	20240815	US 2023-18565392	20231129
PSPI	US 2021-63196025	P	20210602		
	WO 2022-US72697	W	20220601		
	PATENT NO.	KIND	STATUS	STATUS DATE	
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	WO 2022256808	A1	Alive	20221215	
	EP 4351570	A1	Alive	20240418	
	US 20240269143	A1	Alive	20240822	

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS MARPAT 181:98670
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LINK INFORMATION

PUBLICATIONS	APPLICATIONS	REGISTER
EP 4351570 A1	EP 2022-817029	Register Federated Reg.
US 20240269143 A1	US 2023-18565392	Register Global Dossier
WO 2022256808 A1	WO 2022-US72697	Register Global Dossier

L10 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2024 ACS on STN
[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2022:1376854 CAPLUS [Full-text](#)
DN 179:95442
TI Preparation of fluorophenylsulfonyl amides, fluorophenyl benzenesulfonylamides, and related compounds in composition for KRAS modifications for the treatment of diseases
IN Gunning, Patrick T.; Omeara, Jeff; Ahmar, Siawash; Simpson, Graham L.; Hunt, Peter; Rosa, David Alexander; Park, Ji Sung
PA 2692372 Ontario, Inc., Can.; Dunad Therapeutics Ltd.
UO 2692372 ONTARIO; DUNAD THERAPEUTICS
UOS 2692372 ONTARIO; DUNAD THERAPEUTICS
SO PCT Int. Appl., 226pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2022106897	A2	20220527	English	PDF PDF+ Interactive
CA 3198344	A1	20220527	English	PDF
CN 116745264	A	20230912	Chinese	PDF
KR 2023134469	A	20230921	Korean	PDF
GB 2618680	A	20231115		PDF
JP 2024501118	T	20240111	Japanese	PDF
US 20240092756	A1	20240321	English	PDF

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2022106897	A2	20220527	WO 2021-IB805	20211118
WO 2022106897	A3	20220630		
CA 3198344	A1	20220527	CA 2021-3198344	20211118
AU 2021381012	A1	20230622	AU 2021-381012	20211118
AU 2021381012	A9	20240418		
CN 116745264	A	20230912	CN 2021-80091489	20211118
KR 2023134469	A	20230921	KR 2023-7020095	20211118
EP 4247787	A2	20230927	EP 2021-840107	20211118
GB 2618680	A	20231115	GB 2023-7609	20211118
JP 2024501118	T	20240111	JP 2023-531110	20211118
US 20240092756	A1	20240321	US 2023-18253712	20230519
PRAI US 2020-63116723	P	20201120		
WO 2021-IB805	W	20211118		

PATENT NO.	KIND	STATUS	STATUS DATE
WO 2022106897	A2	Alive	20220609
WO 2022106897	A3	Alive	20220707
CA 3198344	A1	Alive	20230622
AU 2021381012	A1	Alive	20230629
AU 2021381012	A9	Alive	20230629
CN 116745264	A	Alive	20230921
KR 2023134469	A	Alive	20231012
EP 4247787	A2	Alive	20230928
GB 2618680	A	Alive	20231123
JP 2024501118	T	Alive	20240125
US 20240092756	A1	Alive	20240328

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS CASREACT 179:95442; MARPAT 179:95442

PUBLICATIONS	APPLICATIONS	REGISTER
AU 2021381012 A1	AU 2021-381012	Register
AU 2021381012 A9	AU 2021-381012	Register
CA 3198344 A1	CA 2021-3198344	Register

CN 116745264 A	CN 2021-80091489	Register	Global Dossier
EP 4247787 A2	EP 2021-840107	Register	Federated Req.
GB 2618680 A	GB 2023-7609	Register	
JP 2024501118 T	JP 2023-531110	Register	Global Dossier
KR 2023134469 A	KR 2023-7020095	Register	Global Dossier
US 20240092756 A1	US 2023-18253712	Register	Global Dossier
WO 2022106897 A2	WO 2021-IB805	Register	Global Dossier
WO 2022106897 A3	WO 2021-IB805	Register	Global Dossier

L10 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2024 ACS on STN
[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2021:2838181 CAPLUS [Full-text](#)

DN 177:191165

TI Preparation of aminopyrimidone derivatives as inhibitors of the human methionine adenosyltransferase 2A (Mat2A) for use in the treatment of cancer

IN Bell, Andrew Simon; Besnard, Jeremy; Bradley, Anthony Richard; Green, Luke; Haap, Wolfgang; Kocer, Buelent; Kuglstatter, Andreas; Lucas, Xavier; Mattei, Patrizio; Mazunin, Dmitry; Ratni, Hasane; Riemer, Claus; Van Hoorn, Willem Paul

PA F. Hoffmann-La Roche AG, Switz.; Hoffmann-La Roche Inc.

UO ROCHE HOLDING AG

UOS Roche

SO PCT Int. Appl., 199pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2021259815	A1	20211230	English	PDF PDF+ Interactive
KR 2023027042	A	20230227	Korean	PDF
CN 115867541	A	20230328	Chinese	PDF
JP 2023531021	T	20230720	Japanese	PDF
IN 202247073469	A	20230106	English	PDF
US 20230227449	A1	20230720	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2021259815	A1	20211230	WO 2021-EP66725	20210621
CA 3181790	A1	20211230	CA 2021-3181790	20210621
AU 2021295413	A1	20221201	AU 2021-295413	20210621
BR 112022026080	A2	20230117	BR 2022-112022026080	20210621
SG 11202261429	A	20230130	SG 2022-11202261429	20210621
CR 20220638	A	20230131	CR 2022-638	20210621
KR 2023027042	A	20230227	KR 2022-7044191	20210621
CN 115867541	A	20230328	CN 2021-80044144	20210621
PE 2023000685	A1	20230421	PE 2022-2951	20210621
EP 4168394	A1	20230426	EP 2021-735633	20210621
JP 2023531021	T	20230720	JP 2022-578796	20210621
VN 96142	A	20230725	VN 2022-8358	20210621
AR 122704	A1	20220928	AR 2021-101713	20210622
IN 202247073469	A	20230106	IN 2022-47073469	20221219
US 20230227449	A1	20230720	US 2022-18068407	20221219
CL 2022003646	A1	20230804	CL 2022-3646	20221219
SA 522441829	A	20230322	SA 2022-522441829	20221221
CO 2023000056	A2	20230327	CO 2023-56	20230104
PRAI EP 2020-181341	A	20200622		
WO 2021-EP66725	W	20210621		

PSPI

PATENT NO.	KIND	STATUS	STATUS DATE
WO 2021259815	A1	Alive	20220127
CA 3181790	A1	Alive	20221229
AU 2021295413	A1	Alive	20221208
BR 112022026080	A2	Alive	20230202
KR 2023027042	A	Alive	20230316
CN 115867541	A	Alive	20230406
PE 2023000685	A1	Alive	20231005
EP 4168394	A1	Alive	20230427
JP 2023531021	T	Alive	20230803

AR 122704 A1 Alive 20221013
US 20230227449 A1 Alive 20230727
CL 2022003646 A1 Alive 20230928
CO 2023000056 A2 Alive 20230406
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS CASREACT 177:191165; MARPAT 177:191165
OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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PUBLICATIONS	APPLICATIONS	REGISTER
AR 122704 A1	AR 2021-101713	Register
AU 2021295413 A1	AU 2021-295413	Register
BR 112022026080 A2	BR 2022-112022026080	Register
CA 3181790 A1	CA 2021-3181790	Register
CL 2022003646 A1	CL 2022-3646	Register
CN 115867541 A	CN 2021-80044144	Register Global Dossier
CO 2023000056 A2	CO 2023-56	Register
EP 4168394 A1	EP 2021-735633	Register Federated Reg.
IN 202247073469 A	IN 2022-47073469	Register
JP 2023531021 T	JP 2022-578796	Register Global Dossier
KR 2023027042 A	KR 2022-7044191	Register Global Dossier
PE 2023000685 A1	PE 2022-2951	Register
SA 522441829 A	SA 2022-522441829	Register
SG 11202261429 A	SG 2022-11202261429	Register
US 20230227449 A1	US 2022-18068407	Register Global Dossier
VN 96142 A	VN 2022-8358	Register
WO 2021259815 A1	WO 2021-EP66725	Register Global Dossier

L10 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2024 ACS on STN
[PatentPak PDF](#) | [PatentPak PDF+](#) | [PatentPak Interactive](#)

AN 2020:1167044 CAPLUS [Full-text](#)
DN 173:142846
TI 2-Oxoquinazoline derivatives as methionine adenosyltransferase 2A inhibitors and their preparation
IN Alam, Muzaffar; Cleary, Leah; Fleury, Melissa; Pei, Zhonghua; Steel, Richard; Sutton, James; Knox, John E.; Newby, Zachary E. R.
PA Ideaya Biosciences, Inc., USA
UO IDEAYA BIOSCIENCES INC.
UOS IDEAYA Biosciences
SO PCT Int. Appl., 485pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2020123395	A1	20200618	English	PDF PDF+ Interactive
CA 3121236	A1	20200618	English	PDF
CN 113166078	A	20210723	Chinese	PDF
KR 2021103498	A	20210823	Korean	PDF
JP 2022512156	T	20220202	Japanese	PDF
US 11046691	B1	20210629	English	PDF
US 11084798	B1	20210810	English	PDF
US 11130759	B1	20210928	English	PDF
US 20220106276	A1	20220407	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2020123395	A1	20200618	WO 2019-US65260	20191209
CA 3121236	A1	20200618	CA 2019-3121236	20191209
MX 2021006841	A	20210702	MX 2021-6841	20191209
CN 113166078	A	20210723	CN 2019-80081299	20191209
AU 2019395338	A1	20210729	AU 2019-395338	20191209
KR 2021103498	A	20210823	KR 2021-7021424	20191209
BR 112021010842	A2	20210824	BR 2021-112021010842	20191209
EP 3894396	A1	20211020	EP 2019-832505	20191209
JP 2022512156	T	20220202	JP 2021-532487	20191209
SG 10202301591	A	20230728	SG 2023-10202301591	20191209

	US 11046691	B1	20210629	US 2021-17175578	20210212
	US 11084798	B1	20210810	US 2021-17175579	20210212
	US 11130759	B1	20210928	US 2021-17175581	20210212
	US 20220106276	A1	20220407	US 2021-17311873	20210608
	CL 2021001508	A1	20220121	CL 2021-1508	20210609
	CL 67410	B	20230822		
	IN 202117030075	A	20211210	IN 2021-17030075	20210705
	CO 2021008895	A2	20210730	CO 2021-8895	20210706
	CL 2022001777	A1	20230310	CL 2022-1777	20220629
PRAI	US 2018-62777715	P	20181210		
	US 2019-62835853	P	20190418		
	US 2019-62883945	P	20190807		
	SG 2021-11202105469	A3	20191209		
	WO 2019-US65260	W	20191209		

PSPI

PATENT NO.	KIND	STATUS	STATUS DATE
WO 2020123395	A1	Dead	20230810
CA 3121236	A1	Alive	20211007
MX 2021006841	A	Alive	20230504
CN 113166078	A	Alive	20210729
AU 2019395338	A1	Alive	20210805
KR 2021103498	A	Alive	20210909
BR 112021010842	A2	Alive	20211118
EP 3894396	A1	Alive	20211121
JP 2022512156	T	Alive	20220224
US 11046691	B1	Alive	20210708
US 11084798	B1	Alive	20210820
US 11130759	B1	Alive	20211007
US 20220106276	A1	Alive	20220414
CL 2021001508	A1	Alive	20220317
CO 2021008895	A2	Alive	20210812
CL 2022001777	A1	Alive	20230420

OS CASREACT 173:142846; MARPAT 173:142846

OSC.G 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (14 CITINGS)

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

ALL CITATIONS AVAILABLE IN THE RE FORMAT

LINK INFORMATION

PUBLICATIONS	APPLICATIONS	REGISTER
AU 2019395338 A1	AU 2019-395338	Register
BR 112021010842 A2	BR 2021-112021010842	Register
CA 3121236 A1	CA 2019-3121236	Register
CL 2021001508 A1	CL 2021-1508	Register
CL 67410 B	CL 2021-1508	Register
CL 2022001777 A1	CL 2022-1777	Register
CN 113166078 A	CN 2019-80081299	Register Global Dossier
CO 2021008895 A2	CO 2021-8895	Register
EP 3894396 A1	EP 2019-832505	Register Federated Req.
IN 202117030075 A	IN 2021-17030075	Register
JP 2022512156 T	JP 2021-532487	Register Global Dossier
KR 2021103498 A	KR 2021-7021424	Register Global Dossier
MX 2021006841 A	MX 2021-6841	Register
SG 10202301591 A	SG 2023-10202301591	Register
US 11046691 B1	US 2021-17175578	Register Global Dossier
US 11084798 B1	US 2021-17175579	Register Global Dossier
US 11130759 B1	US 2021-17175581	Register Global Dossier
US 20220106276 A1	US 2021-17311873	Register Global Dossier
WO 2020123395 A1	WO 2019-US65260	Register Global Dossier

L10 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2024 ACS on STN

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

AN 2010:1633426 CAPLUS [Full-text](#)

DN 154:88250

TI Preparation of pyridopyrimidine derivatives for use as Wnt antagonists for treatment of cancer and arthritis

IN Fuchs, Florian; Gilbert, Daniel; Koch, Corinna; Maskey, Rajendra-Prasad; Steinbrink, Sandra; Boutros, Michael

PA Deutsches Krebsforschungszentrum, Germany

UO Helmholtz Association

UOS Helmholtz Association

SO PCT Int. Appl., 108pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2
PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
WO 2010149786	A1	20101229	English	PDF PDF+ Interactive
EP 2266984	A1	20101229	English	PDF

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2010149786	A1	20101229	WO 2010-EP59104	20100625
EP 2266984	A1	20101229	EP 2009-163927	20090626
PRAI EP 2009-163927	A	20090626		

PSPI

PATENT NO.	KIND	STATUS	STATUS DATE
WO 2010149786	A1	Dead	20201202
EP 2266984	A1	Dead	20201201

OS CASREACT 154:88250; MARPAT 154:88250
OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LINK INFORMATION

PUBLICATIONS	APPLICATIONS	REGISTER
EP 2266984 A1	EP 2009-163927	Register Federated Reg.
WO 2010149786 A1	WO 2010-EP59104	Register Global Dossier

L10 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2024 ACS on STN

[PatentPak PDF](#)

AN 2010:1625427 CAPLUS [Full-text](#)

DN 154:88237

TI Preparation of pyridopyrimidine derivatives for use as Wnt antagonists for treatment of cancer and arthritis

IN Boutros, Michael; Maskey, Rajendra-Prasad; Koch, Corinna; Fuchs, Florian; Steinbrink, Sandra; Gilbert, Daniel

PA Deutsches Krebsforschungszentrum Stiftung des Oeffentlichen Rechts, Germany

UO Helmholtz Association

UOS Helmholtz Association

SO Eur. Pat. Appl., 69pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 2

PPPI

PATENT NO.	KIND	DATE	LANGUAGE	PatentPak
EP 2266984	A1	20101229	English	PDF
WO 2010149786	A1	20101229	English	PDF PDF+ Interactive

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 2266984	A1	20101229	EP 2009-163927	20090626
WO 2010149786	A1	20101229	WO 2010-EP59104	20100625
PRAI EP 2009-163927	A	20090626		

PSPI

PATENT NO.	KIND	STATUS	STATUS DATE
EP 2266984	A1	Dead	20201201
WO 2010149786	A1	Dead	20201202

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LINK INFORMATION

PUBLICATIONS	APPLICATIONS	REGISTER
EP 2266984 A1	EP 2009-163927	Register Federated Reg.

WO 2010149786 A1

WO 2010-EP59104

[Register](#) | [Global Dossier](#)

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