

INFORME DE BÚSQUEDA DE PATENTES

N° de solicitud: **NC2017/0007189** Prioridad: **(19 de diciembre de 2014)**

CRITERIOS PARA LA BÚSQUEDA (Anexar pantallazo o reporte en PDF, junto con los boléanos utilizados*. Para el caso de secuencias, anexar alineamientos)

PALABRAS CLAVE UTILIZADAS	1. "Fumagillin prodrug" "MetAP2" 2. "Fumagillin prodrug" "MetAP2" "phosphine oxide" "phosphonate" 3. "Fumigillol derivatives" "Oxaspiro [2.5] octane" 4. "Fumagillin" or "Fumagilline" or "Fumagillinum" or "Fumagilina" or "Fugillin" "Fumidil" 5. "3R,4S,5S,6R)-5-methoxy-4-((2R,3R)-2-methyl-3-(3-methylbut-2-en-1-yl)oxiran-2-yl)-1-oxaspiro[2.5]octan-6-ol" 6. "bis(4-(trifluoromethyl)phenyl)(vinyl)phosphine oxide" 7. "diphenyl(vinyl)phosphine oxide" 8. "di-p-tolyl(vinyl)phosphine Oxide" 9. "(2-(((3R,4S,5S,6R)-5-methoxy-4-((2R,3R)-2-methyl-3-(3-methylbut-2-en-1-yl)oxiran-2-yl)-1-oxaspiro[2.5]octan-6-yl)oxy)ethyl)diphenylphosphine oxide" 10. "(2-(((3R,4S,5S,6R)-5-methoxy-4-((2R,3R)-2-methyl-3-(3-methylbut-2-en-1-yl)oxiran-2-yl)-1-oxaspiro[2.5]octan-6-yl)oxy)ethyl)di-p-tolylphosphine oxide" 11. "(2-(((3R,4S,5S,6R)-5-methoxy-4-((2R,3R)-2-methyl-3-(3-methylbut-2-en-1-yl)oxiran-2-yl)-1-oxaspiro[2.5]octan-6-yl)oxy)ethyl)bis(4-(trifluoromethyl)phenyl)phosphine oxide" 12. "dimethyl (2-(((3R,4S,5S,6R)-5-methoxy-4-((2R,3R)-2-methyl-3-(3-methylbut-2-en-1-yl)oxiran-2-yl)-1-oxaspiro[2.5]octan-6-yl)oxy)ethyl)phosphonate" 13. "diethyl (2-(((3R,4S,5S,6R)-5-methoxy-4-((2R,3R)-2-methyl-3-(3-methylbut-2-en-1-yl)oxiran-2-yl)-1-oxaspiro[2.5]octan-6-yl)oxy)ethyl)phosphonate" 14. "methionine aminopeptidase 2" "Fumagillol spirocyclic"
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CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA

CIP: C07F 9/53, C07F 9/40, A61K 31/66.

CPC (Opcional):

DOCUMENTOS CONSIDERADOS RELEVANTES (documentos patentes, literatura no patente, etc...)

Informes/Base de datos	N° de solicitud/ Autor**	Fecha de Publicación/ Presentación (DD/MM/AAAA)	Reiv. afectadas (Con indicación, si procede, de las partes relevantes o números de secuencias)	Categorías especiales de los documentos citados***
WO	WO2012122264	13/Septiembre/2013		A
	WO03027104	03/Abril/2003		A
	WO2011130674	20/Octubre/2011		A
PATBASE	US2013189218	25/Julio/2013		A
	US2012004162	05Enero/2012		A
STN	EP0415294	25/Agosto/1990		A

"A" documento que define el estado general de la técnica no considerado como particularmente relevante.

"E" solicitud de patente o patente anterior pero publicada en la fecha de presentación internacional o en fecha posterior.

"P" documento publicado antes de la fecha de presentación internacional, pero con posterioridad a la fecha de prioridad reivindicada.

"X" documento particularmente relevante; la invención reivindicada no puede considerarse nueva o que implique una actividad inventiva por referencia al documento aisladamente considerado.

"Y" documento particularmente relevante; la invención reivindicada no puede considerarse que implique una actividad inventiva cuando el documento se asocia a otro u otros documentos de la misma naturaleza, cuya combinación resulta evidente para un experto en la materia.

**** Indicar entre paréntesis la Autoridad que realizó la búsqueda o el informe preliminar Ejs: EPO, JP, INAPI.

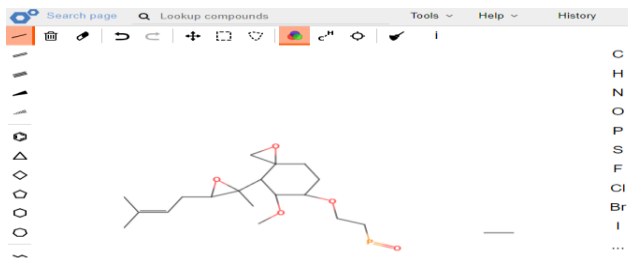
Literatura no patente

**Se incluye entre otros, toda la referencia de la literatura no patente.

Fecha del reporte de búsqueda:

07/Agosto/2018

EPODOC	SS Status	Results	Query
1		198	FUMAGILLOL
2		12	1 AND METAP2
3		0	OXASPIRO AND FUMAGI*
4		3	OXASPIRO AND FUMAGI+
5		0	FUMAGIL+ AND PHOSPHONATE
6		0	FUMAGIL+ AND PHOSPHINE

PATBASE**IDENTIDAD**

minesoft chemical explorer

Number of structures found: 0

SIMILARIDAD

minesoft chemical explorer

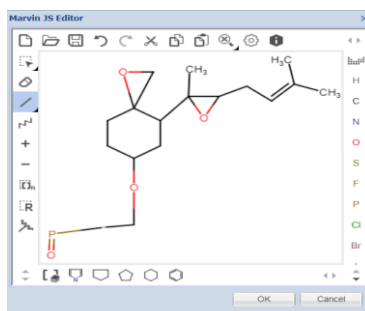
Number of structures found: 0

SUBESTRUCTURA

minesoft chemical explorer

Number of structures found: 4

Menu - Search - History - Session - Folder - Order Help - Logoff			
#	Search query	Results	Options
17	16 AND FUMAGIL*	27	View Browse Hits Optimise more...
16	MetAP2	138	View Browse Hits Optimise more...
15	Fumagilina	29	View Browse Hits Optimise more...
14	Fumagillinum	0	
13	11 AND phosphine oxide	1	View Browse Hits Optimise more...
12	11 AND phosphonate	0	
11	Fumagilline	42	View Browse Hits Optimise more...
10	5 AND phosphine oxide	1	View Browse Hits Optimise more...
9	7 AND phosphine oxide	1	View Browse Hits Optimise more...
8	7 AND phosphonate	2	View Browse Hits Optimise more...
7	Fumagillol	134	View Browse Hits Optimise more...
6	5 AND phosphonate	4	View Browse Hits Optimise more...
5	Fumagillin	220	View Browse Hits Optimise more...
4	[Chemical Explorer]: 2-(((3R, 4S, 6R)-5-methoxy-4-((2R, 3R)-2-methyl-3-(3-methylbut-2-en-1-yl)oxiran-2-yl)-1-oxaspiro[2.5]octan-6-yl)oxy)ethyl)di-p-tolylphosphine oxide	0	
3	[Chemical Explorer]: 2-(((3R, 4S, 5S, 6R)-5-methoxy-4-((2R, 3R)-2-methyl-3-(3-methylbut-2-en-1-yl)oxiran-2-yl)-1-oxaspiro[2.5]octan-6-yl)oxy)ethyl)di-p-tolylphosphine oxide	0	
2	[Chemical Explorer]: 2-(((3R, 4S, 5S, 6R)-5-methoxy-4-((2R, 3R)-2-methyl-3-(3-methylbut-2-en-1-yl)oxiran-2-yl)-1-oxaspiro[2.5]octan-6-yl)oxy)ethyl)bis(4-(trifluoromethyl)phenyl)phosphine oxide	0	
1	[Chemical Explorer]: diethyl 2-(((3R, 4S, 5S, 6R)-5-methoxy-4-((2R, 3R)-2-methyl-3-(3-methylbut-2-en-1-yl)oxiran-2-yl)-1-oxaspiro[2.5]octan-6-yl)oxy)ethyl)phosphonate	0	

ORBIT

1 results for <Molecule search> AND ((Fumagillol)/CLMS/DESC/ODES AND (MetAP2)/CLMS/DESC/ODES) - Collection: FAMPAT					
#	Title	Publ. date	Publication number	1st app. date	Relevance score
1.	Fumagillol derivatives	2016-06-23	CA2971282	2015-12-14	100 %

STN

stns20

Project Created: 07-Aug-2018 06:11 PM EDT**Last Updated: 07-Aug-2018 06:35 PM EDT****Report Created: 07-Aug-2018 06:35 PM EDT****STN Search Queries**

- L1 Initial Search:** 07-Aug-2018 06:12 PM EDT **Last Search:** 07-Aug-2018 06:12 PM EDT
MetAP2
User Settings: Abbreviations=on; Plurals=on; Spelling=on; Apostrophe=on; Chemical Names=on; Diacritics=on; Hyphen=on; Cross File=on
CAplus: 344 REGISTRY: 170940
- L2 Initial Search:** 07-Aug-2018 06:13 PM EDT **Last Search:** 07-Aug-2018 06:13 PM EDT
L1 AND FUMAGILL*
User Settings: Abbreviations=on; Plurals=on; Spelling=on; Apostrophe=on; Chemical Names=on; Diacritics=on; Hyphen=on; Cross File=on
CAplus: 92 REGISTRY: 1888
- L3 Initial Search:** 07-Aug-2018 06:14 PM EDT **Last Search:** 07-Aug-2018 06:14 PM EDT
L2 AND phosphine oxide

User Settings: Abbreviations=on; Plurals=on; Spelling=on; Apostrophe=on; Chemical Names=on; Diacritics=on; Hyphen=on; Cross File=on
CPlus: 1 REGISTRY: 64

L4 Initial Search: 07-Aug-2018 06:16 PM EDT **Last Search:** 07-Aug-2018 06:16 PM EDT
subx 2016:1034256/an

User Settings: Abbreviations=on; Plurals=on; Spelling=on; Apostrophe=on; Chemical Names=on; Diacritics=on; Hyphen=on; Cross File=on
CPlus: - REGISTRY: 64

L5 Initial Search: 07-Aug-2018 06:19 PM EDT **Last Search:** 07-Aug-2018 06:19 PM EDT
refx (2409-61-2 OR 52944-82-8 OR 108102-51-8 OR 1947384-91-9 OR 1947384-92-0 OR 1947384-93-1 OR 1947384-94-2 OR 1947384-95-3 OR 1947384-96-4)/rn

User Settings: Abbreviations=on; Plurals=on; Spelling=on; Apostrophe=on; Chemical Names=on; Diacritics=on; Hyphen=on; Cross File=on
CPlus: 358 REGISTRY: -

L6 Initial Search: 07-Aug-2018 06:29 PM EDT **Last Search:** 07-Aug-2018 06:29 PM EDT
L5 AND PD<20141214

User Settings: Abbreviations=on; Plurals=on; Spelling=on; Apostrophe=on; Chemical Names=on; Diacritics=on; Hyphen=on; Cross File=on
CPlus: 220 REGISTRY: -

L7 Initial Search: 07-Aug-2018 06:32 PM EDT **Last Search:** 07-Aug-2018 06:32 PM EDT
L6 AND MetAP2

User Settings: Abbreviations=on; Plurals=on; Spelling=on; Apostrophe=on; Chemical Names=on; Diacritics=on; Hyphen=on; Cross File=on
CPlus: 31 REGISTRY: -

L8 Initial Search: 07-Aug-2018 06:34 PM EDT **Last Search:** 07-Aug-2018 06:34 PM EDT
L7 AND phosphine oxide

User Settings: Abbreviations=on; Plurals=on; Spelling=on; Apostrophe=on; Chemical Names=on; Diacritics=on; Hyphen=on; Cross File=on
CPlus: 0 REGISTRY: -

L9 Initial Search: 07-Aug-2018 06:35 PM EDT **Last Search:** 07-Aug-2018 06:35 PM EDT
L7 AND phosphonate

User Settings: Abbreviations=on; Plurals=on; Spelling=on; Apostrophe=on; Chemical Names=on; Diacritics=on; Hyphen=on; Cross File=on
CPlus: 0 REGISTRY: -

The screenshot displays the STN database interface. The top navigation bar includes 'STN® Projects', 'Working On - NC2017/0007189', and user options like 'Welcome, German Clardy', 'Layout', 'Settings', 'STN Help', 'Contact Us', and 'Sign Out'. The main content area shows search results for 'Fumagillol derivatives'. The first result is a patent entry: '1. Patent 2016 Fumagillol derivatives' by Chenuilath, Zacharia, Lawson, John David, and Hridis, Christopher, dated 2016:1034256. It includes an abstract, a chemical structure diagram, and a list of substances indexed. The left sidebar shows a list of queries, with 'L9 L2 AND phosphonate' selected. The bottom of the interface shows a list of substances indexed, including '1815604-34-2, Methionyl aminopeptidase 2' and '100816-04-4, Norgestrel'.