

INFORME DE BÚSQUEDA DE PATENTES				
N° de solicitud: NC2017/0007355				
CRITERIOS PARA LA BÚSQUEDA				
PALABRAS CLAVE UTILIZADAS		Pyrazine OR pyrazolo*pyrazine Hepatitis B F. HOFFMANN-LA ROCHE AG		
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA		CIP: A61K31/4155; A61P7/02; A61P9/10; A61P9/12; A61P9/14; C07D231/14; C07D403/06; C07D403/12; C07D407/12; C07D413/12		
CPC:				
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***
SIPI	NC2016/0000368	27/julio/2016	-	A
PATBASE	US3641030	8/febrero/1972	-	A
ORBIT	JP2011507889	10/marzo/2011	-	A
STN	---	----	-	-
*** Categorías especiales de documentos citados:				
“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.		
Literatura no patente				
Fecha del reporte de búsqueda:		14/septiembre/2018		

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Search 1: "[Chemical Explorer]: Selected structures (50)" 1-10 of 47 next>>

Display results

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1) Family number: 1112815 (US3641030A)Save / export search resultsSimilarTranslateFull-textStatusCitations

Title: [EN] 4-5-DIHYDRO-N-(4-PHENYL-1-PIPERAZINYLCARBONYL-1H(14)-DIAZEPINO (12-A)INDOLE

Abstract: Source: US3641030A [EN] ABSTRACT OF THE DISCLOSURE

This invention concerns tetrahydropyrazinoindole-2-carboxamides and dihydrodiazepinoindole-2- carboxamides which are pharmacologically active as central nervous depressants.

Classifications: Classification Explorer

International (IPC 8-9): C07D487/04 (Advanced/Invention)

International (IPC 1-7): C07D487/04 C07D51/70 C07D53/02

CPC: C07D487/04

European: 124HC5B45B1+B2A1+3 124HC5B45B1+B2A1+3+ 124HC5B4B1+B2A1+3 124HC5B4B1+B2A1+3+ 124HC5B6A1+B2A1+3 124HC5B6A1+B2A1+3+ 124HC5B7B1+B2A1+3 124HC5B7C1+B2A1+3+ C07D487/04

US: 260/26.8TR 260/268TR 540/561 544/115 544/344 544/58.4

Family: Family Explorer

Publication number	Publication date	Application number	Application date	Links
US3641030 A	19720208	US19680769388	19681021	
US3736324 A	19730529	US19710130523	19710401	
US3853879 A	19741210	US19730330349	19730207	

Command line: Search

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IP5

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Number: WO2016113273Searchexamples: EP1612402, US2006000447A1, JP20090214944

WO2016EP0504

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Classifications & fields searched

#	CC	Cat.	Citation details	Claims
1	CL		Application N° CL20170001798 (CL2017001798) - 7 July 2017	
2	BR		Application N° BR20171115242 (BR112017015242) - 13 January 2016	
3	JP		Application N° JP20170537503 (JP2017537503) - 13 January 2016	
			National Search Report	
	A		JP2011507889 A - 10 March 2011	1 - 4 3
	A		WO2014111871 A1 (AURIGENE DISCOVERY TECH LTD [IN]) - 24 July 2014	1 - 4 3
	A		WO2014152725 A1 (BIOGEN IDEC INC [US]) - 25 September 2014	1 - 4 3
4	MX		Application N° MX20170009244 (MX2017009244) - 13 January 2016	
5	EA		Application N° EA20170091515 (EA201791515) - 13 January 2016	
6	PH		Application N° PH20171501258 (PH12017501258) - 7 July 2017	
7	PE		Application N° PE20170001212 (PE2017001212) - 13 January 2016	
8	CA		Application N° CA20162973760 (CA2973760) - 13 January 2016	
9	CR		Application N° CR20170000316 (CR20170316) - 13 January 2016	
10	KR		Application N° KR20177022683 (KR1020177022683) - 13 January 2016	
11	CN		Application N° CN2016805728 (CN201680005728.0) - 13 January 2016	

Simple families: 1/2Total family members: 17/18Get next family

Inspector: classifications and fields searched

Classifications

CL

IPC C07D487/04, A61K31/519, A61P31/12

CPC C07D487/04, C07D519/00

BR

IPC C07D487/04, A61K31/519

CPC C07D487/04, C07D519/00

JP

IPC C07D487/04, A61K31/4985, A61K31/506, A61K31/513, A61K31/5355, A61K31/5377, A61K31/5383, A61P1/16, A61P31/20, C07D519/00

CPC C07D487/04, C07D519/00

MX

IPC C07D487/04, A61K31/519, A61P31/12

CPC C07D487/04, C07D519/00

EA

IPC C07D487/04, A61K31/519, A61P31/12

CPC C07D487/04, C07D519/00

PH

IPC A61K31/519, A61P31/12, C07D487/04

CPC C07D487/04, C07D519/00

PE

IPC C07D487/04, A61K31/519, A61P31/12

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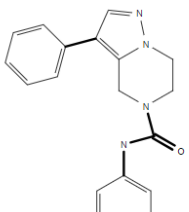
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Attribute Values

Bond Type: Chain, Ring, Ring / Chain

Bond Value: Exact, Normalized, Exact / Normalized

Node Type: Chain, Ring, Ring / Chain

Generic Definition: Saturated / Unsaturated, Linear / Branched, Monocyclic / Polycyclic

Match Level: 1 hetero atom / 2+ hetero atoms, 1-5 carbons / 7+ carbons

Element Count Level: Atom, Class, Any

Other Node Attributes: Mass, Valency, Hydrogen Count, Non-hydrogen Count, Element Count

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