

INFORME DE BÚSQUEDA DE PATENTES

N° de solicitud: NC2017/0000019 **Prioridad:** (04/julio/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. "5-HT6 receptor antagonist" "N-[2-(6-fluoro-1H-indol-3-yl)ethyl]-3-(2,2,3,3-tetrafluoropropoxy)benzylamine hydrochloride" 2. "N-[2-(6-fluoro-1H-indol-3-yl)ethyl]-3-(2,2,3,3-tetrafluoropropoxy)benzylamine hydrochloride" "polymorphic form" 3. "LUA58054" "polymorphic form" 4. "Idalopiridine" "polymorphic form" 5. "Alzheimer" "Idalopiridine" 6. "Alzheimer" "LUA58054" 7. "SGS518" "polymorphic form"
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CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA **CIP:** C07D 209/14, C07D 209/16, A61K 31/4045, A61P 25/28.

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	US7157488	02/Enero/2007	8-14 1-7	X Y
	WO2011076212	30/Junio/2011		A
SIPI	03085518	26/Septiembre/2003	8-14 1-7	X Y
	03061134	18/Julio/2003		A
	NC2017/0005357	26/Mayo/2017		A
EPODOC	WO2014037532	13/Marzo/2014	1-7	Y
USPTO	WO2011076212	30/Junio/2011		A
	WO2016078587	26/Mayo/2016		A
	CN1610547	27/Abril/2005	8-14 1-7	X Y

"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.

- Therapeutic strategies for Alzheimer's disease in clinical trials; <https://www.sciencedirect.com/science/article/abs/pii/S1734114015002868>
- Serotonin 5-HT6 Receptor Antagonists in Alzheimer's Disease: Therapeutic Rationale and Current Development Status; <https://link.springer.com/article/10.1007/s40263-016-0399-3>
- Computational Modeling of Drugs for Alzheimer's Disease: Design of Serotonin 5-HT6 Antagonists; https://link.springer.com/protocol/10.1007/978-1-4939-7404-7_15
- The 5-HT₆ receptor antagonist idalopiridine potentiates the effects of donepezil on gamma oscillations in the frontal cortex of anesthetized and awake rats without affecting sleep-wake architecture; <https://www.sciencedirect.com/science/article/pii/S0028390816304014>

Fecha del reporte de búsqueda:

11/06/2018

EPODOC	SS Status	Results	Query
1		16	IDALOPIRDINE
2		0	LUAE58054
3		3	AE58054
4		2	(HYDROCHLORIDE AND CRYSTAL AND FORM) AND AE58054
5		0	5-HT6
6		922	HT6 AND RECEPTOR
7		75	6 AND ALZHEIMER
8		0	7 AND BENZYLAMINE
9		1	7 AND INDOL
10		1	7 AND TETRAFLUOROPROPOXY
11		0	7 AND POLYMORPHIC
12		0	7 AND CRYSTALLINE
13		0	7 AND CRYSTAL AND STATE

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5 results found in the Worldwide database for:
Idalopirdine in the title

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1. [Use of an acetylcholinesterase inhibitor and idalopirdine for reducing falls in parkinson's disease patients](#)

Inventor: DE JONG INGE E M (NL)
KUCINSKI AARON [US] (+1)
Applicant: H LUNDBECK AS [DK]
CPC: A61K2300/00 (+10)
IPC: A61K31/27
A61K31/404
A61K31/445 (+4)
Publication info: TW201806621 (A)
2018-03-01
Priority date: 2016-04-26

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Application number	Title	Applicant(s)	Inventor(s)	Results per page 10	
				Filing date	Application status
1	2018272089 AU-A1: icaritin, iclaprim, icosabutate, icosapent, icosapentethyl, icosapentethyl ester, icotinib hydrochloride, 5 idalopirdine, idasanutin, idebenone, idelalisib, idoxuridine, idronoxil, ifetroban, ifetrobansodium, iguratimod, ilansoprazole, ilaprazole,	Triastek, Inc.	Li, Xiaoling	2018-08-03	FILED
2	2015359347 AU-A1: BW, BY, S(54) Title: A PROCESS FOR THE MANUFACTURE OF IDALOPIRDINE (57) Abstract: Disclosed herein is a process for the preparation	H. Lundbeck A/S	Jacobsen, Mikkel Fog; Nielsen, Ole	2015-12-10	FILED
3	2015328385 AU-A1: of suitable serotonin modulators include, but are not limited to, idalopirdine RVT-101, oitalopram, escitalopram, fluoxetine, 15 fluvoxamine, paroxetine, and sertraline.	Cortexyme, Inc.	Konradi, Andrei; Dominy, Stephen S.; Crawford Lynch, Casey; Coburn, Craig; Vacca, Joseph	2015-10-05	FILED
4	2015288049 AU-B2: E, SAM-780, A/N-211, A/N-101, RP-3053, tozadenant, PRX-3140, PRX-8086, RVT-101, naluzaton, idalopirdine, tacrine, rivastigmine, galantamine, memantine, mirtazapine, venlafaxine, desipramine, nortriptyline, zolpidem, zopiclone,	Sunshine Lake Pharma Co., Ltd.	Zhang, Yingjun; Jin, Chuanfei; Zhong, Vianhe; Chen, Kangzhi; Gao, Li; Liu, Runzhi; Zhang, Ji	2015-07-08	ACCEPTED

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#	Patent Number	Patent Title	Score
1.	2951794	NOVEL POLYMORPHIC FORM OF N-[2-(6-FLUORO-1H-INDOL-3-YL)ETHYL]-3-(2,2,3,3-TETRAFLUOROPROPOXY)BENZYLAMINE HYDROCHLORIDE FOR THE TREATMENT OF ALZHEIMER'S	74%
2.	2869783	2,2-DIFLUOROPROPIONAMIDE DERIVATIVES OF BARDOXOLONE METHYL, POLYMORPHIC FORMS AND METHODS OF USE THEREOF	50%

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4	Alzheimer's disease	24214	View Browse Hits Optimise more...
3	LU AE58054	7	View Browse Hits Optimise more...
2	LUAE58054	0	
1	TAC=(Idalopiridine)	0	

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