

INFORME DE BÚSQUEDA DE PATENTES				
N° de solicitud: NC2016/0000100				
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	Bristol myers squibb STAC=(bromodomain and inhibit* and pyrido) and PD=19000101:20131224 Bromodomain and inhibit* and pyrid* and indol and cáncer PD=19000101:20131224			
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA	CIP: A61K31/437; A61P35/00; C07D471/04 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***
SIPI (Obligatoria)	----	----	----	Ver anexos
Patbase*	WO 2012075383 WO 2013175281 WO 2013186612 WO2013033269	07/06/2012 28/11/2013 19/12/2013 07/03/2013	----	A A A A
EPOQUE NET*	CA 2940554 WO 2014140076 WO 2015131005	03/09/2015 18/09/2014 03/09/2015	----	P P P
Google Patents	US 20030129448 US 20130281399 WO 2013033268 WO 2011054844 WO 2012075456	10/07/2003 24/10/2013 07/03/2013 12/05/2011 07/06/2012	----	A A A A A
Espacenet	WO 2015004534 WO 2010080474	15/01/2015 15/07/2010	----	A, P A
*** 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.		
**** 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.	
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Fecha del reporte de búsqueda:	31/07/2017
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Puede utilizar los símbolos comodín (*) y (?) para ampliar su búsqueda, y las comillas para buscar frases, como ejemplo "Productos lácteos". Se pueden utilizar los operadores booleanos AND, OR, NOT, asteriscos y comillas en su consulta de búsqueda.

+ Criterio de búsqueda

3 Casos asociados

Expediente No.	Título	Figura Característica	Fecha de presentación	Estado(s)	Titular
☐ 08007868	TETRAHIDRO-1-H-PIRIDO[4,3-B]INDOLES SUBSTITUIDOS COMO AGONISTAS Y ANTAGONISTAS DEL RECEPTOR DE SEROTONINA		28 ene 2008	Negada	BRISTOL-MYERS SQUIBB COMPANY
☐ 10003756	DERIVADOS DE PIRIDONA COMO AGONISTAS DEL RECEPTOR ACOPLOADO A PROTEINA G GPR119 Y COMPOSICIONES QUE LOS CONTIENEN		15 ene 2010	Caducado	BRISTOL - MYERS SQUIBB COMPANY
☐ NC2016-0000100	DERIVADOS DEL ANILLO 6-METANSULFONIL-5H,5AH,9AH-PIRIDO[3,2-B]INDOL		22 jul 2016	Bajo Examen de Fondo	BRISTOL - MYERS SQUIBB COMPANY

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Search 1: STAC=(bromodomain and inhibit* and pyrido) and PD=19000101:20131224
Results 4

Explore search

[Edit and resend search](#)

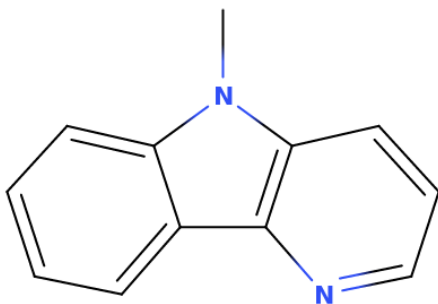
#	Search query	Results	Options
1	STAC=(bromodomain and inhibit* and pyrido) and PD=19000101:20131224	4	View Browse Hits Optimise more...

Information Shortcuts

Command Reference

Bibliographic data

Textual data →



Search type:

Identity

Similarity

Substructure

Similarity search

Tanimoto threshold %: 90 ✓

Return structures:

☐ Found in claims ☒ All

Country: All

Number of structures to return: 50

Search page Lookup compounds Tools Help

minesoft
chemical explorer

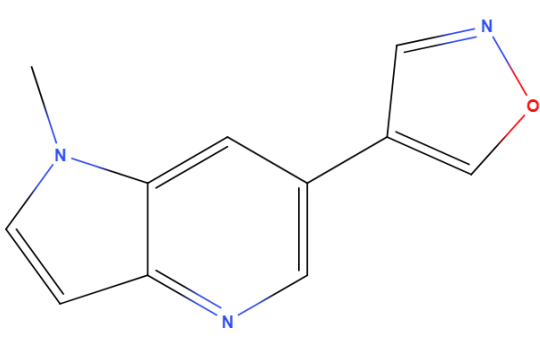
Search type:

Similarity search
 Tanimoto threshold %:

Return structures:
☐ Found in claims ☒ All

Country:

Number of structures to return:



Search results New search Refine search



Number of structures found: 29

Search: N(C)1C2C=CC=NC=2C2=CC=CC=C12

Search type: Similarity (95%)

Number of structures found: 29

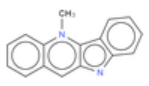
Number of claims found: 468

Country: AU , CN , DE , EP , FR , GB , IN , IL , JP , KR , US , WO

Select all

Clear all

View selected in PatBase

#	Structure	Details
1) ☐		Cryptolepine IUPACName: 5-methylindolo[3,2-b]quinoline Molecular Weight: 232.286 g/mol InChIKey: KURWKDDWCJELSV-UHFFFAOYSA-N SMILES: <chem>Cn1c2ccccc2cc3nc4ccccc4c13</chem> Formula: C₁₆H₁₂N₂ 129 patent publications found View in PatBase Stats Links: PubChem ChemSpider Wikipedia



^ **Number of structures found: 42**

Search: N(C)1C2=CC=CC=C2C2=C1C=CC=N2

Search type: Similarity (90%)

Number of structures found: 42

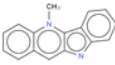
Number of claims found: 759

Country: AU , CN , DE , EP , FR , GB , IN , IL , JP , KR , US , WO

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#	Structure
1) ☐	Cryptolepine IUPACName: 5-methylindolo[3,2-b]quinoline Molecular Weight: 232.286 g/mol InChIKey: KURWKDDWCJELSV-UHFFFAOYSA-N SMILES: Cn1c2ccccc2cc3nc4ccccc4c13 Formula: C₁₆H₁₂N₂  129 patent publications found View in PatBase Stats



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Results 1-10 of 0 for Criteria:FP:(bromodomain and inhibit* and pyrido*) AND DP:([01.01.1900 TO 24.12.2013]) AND EN_AB:(bromodomain and inhibit* and pyrido*) Office(s):all Language:EN Stemming: true

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Refine Search
FP:(bromodomain and inhibit* and pyrido*) AND DP:([01.01.1900 TO 24.12.2013]) AND EN_AB:(bromodomain and inhibit* and pyrido*)

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Analysis

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Results 1-10 of 0 for Criteria:FP:(bromodomain and inhibit* and pyrido*) AND DP:([01.01.1900 TO 24.12.2013]) AND EN_AB:(bromodomain and inhibit* and pyrido*) Office(s):all Language:EN Stemming: true

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Refine Search
FP:(bromodomain and inhibit* and pyrido*) AND DP:([01.01.1900 TO 24.12.2013]) AND EN_AB:(bromodomain and inhibit* and pyrido*)

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SEARCH TERMS



bromodomain × + Synonym

inhibit* × + Synonym

pyrid × + Synonym

cancer × + Synonym

indol × + Synonym

+ Search term or CPC

SEARCH FIELDS

Before publication 2013-12-24 ×

+ Assignee

MORE ▾

About 76 results

ordered by relevance ▾

grouped by classification ▾

10 results / page ▾

[Download \(CSV\)](#)C07D403/04[?]

Heterocyclic compounds containing two or more hetero rings, having nitrogen atoms as the only ring hetero atoms, not provided for by group C07D401/00 containing two hetero rings directly linked by a ring-member-to-ring-member bond

[Treatment of diseases by epigenetic regulation](#)[Application US20130281399A1](#) • Kevin G. McLure • Rvx Therapeutics Inc.

Priority 2012-04-19 • Filing 2013-03-15 • Publication 2013-10-24

The present disclosure provides non-naturally occurring polyphenol compounds that **inhibit the bromodomain and extra terminal domain (BET) proteins**. The disclosed compositions and methods can be used for treatment and prevention of diseases ...

[Treatment of diseases by epigenetic regulation](#)[Application US20130281398A1](#) • Kevin G. McLure • Rvx Therapeutics Inc.

Priority 2012-04-19 • Filing 2013-03-15 • Publication 2013-10-24

The present disclosure provides non-naturally occurring polyphenol compounds that **inhibit the bromodomain and extra terminal domain (BET) proteins**. The disclosed compositions and methods can be used for treatment and prevention of diseases ...

[Isoindolone derivatives](#)[Application WO2013158952A1](#) • Lisa A. Hasvold • Abbvie Inc.

Priority 2012-04-20 • Filing 2013-04-19 • Publication 2013-10-24

endotheliosarcoma, ependymoma, epithelial carcinoma, erythroleukemia, esophageal **cancer**, estrogen-receptor positive breast **cancer**, essential thrombocythemia, Ewing's tumor, fibrosarcoma, follicular lymphoma, germ cell testicular **cancer**, ...

[Pyridinone and pyridazinone derivatives](#)[Application WO2013188381A1](#) • Robert D. Hubbard • Abbvie Inc.

Priority 2012-06-12 • Filing 2013-06-11 • Publication 2013-12-19

N-[3-(4-ethoxy-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-4-(4-fluorophenoxy)phenyl]ethanesulfonamide; 5-[2-(cyclopropylmethoxy)-5-(2,3-dihydro-1H-indol-1-ylsulfonyl)phenyl]-4-ethoxy-1-methylpyridin-2(1H)-one; 4-[2-(2,4-difluorophenoxy)-5- ...

[→ Search within classification C07D403/04 \(30 results\)](#)

Top 1000 results by filing date



Relative count of top 5 values

Assignees	Inventors	CPCs
Abbvie Inc.	A61K31/5375 A61K31/5377 A61K31/535 A61K31/50	3.9%
Sugen, Inc.	C12N9/10 C12N9/12 C12N9/00 C12N	2.6%
Yale University	A61K47/48061 A61K47/48023 A61K47/48007 A61K47/00	2.6%
Rvx Therapeutics Inc.	C07D239/88 A61K31/517 C07D239/86 C07D239/91	2.6%
Coferon, Inc.	C07D261/02 C07D261/00 C07D261/06 C07D519/00	2.6%
Expand		

[SS 5] ..hi



EPODOC	SS Status	Results	Query
1		741	BROMODOMAIN
2		335.156	INHIBITOR+
3		602	1 AND 2
4		15.590	PYRIDO+

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TI - 9H-PYRIMIDO[4,5-B]INDOLES AND RELATED ANALOGS AS BET **BROMODOMAIN INHIBITORS**

2/11 © EPODOC / EPO

TI - 9H-pyrimido[4,5-b]indoles and related analogs as BET **bromodomain inhibitors**

3/11 © EPODOC / EPO

TI - 2,3-DISUBSTITUTED 1 -ACYL-4-AMINO-1,2,3,4-TETRAHYDROQUINOLINE DERIVATIVES AND THEIR USE AS **BROMODOMAIN INHIBITORS**.

4/11 © EPODOC / EPO

TI - NOVEL **PYRIDO**[2,3-B]PYRAZINONES AS BET-FAMILY **BROMODOMAIN INHIBITORS**

5/11 © EPODOC / EPO

TI - 9H-PYRIMIDO [4,5-B] INDOLES AS BET **BROMODOMAIN INHIBITORS**

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TI - 2,3-DISUBSTITUTED 1 -ACYL-4-AMINO-1,2,3,4-TETRAHYDROQUINOLINE DERIVATIVES AND THEIR USE AS **BROMODOMAIN INHIBITORS**

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TI - 2,3-disubstituted 1-acyl-4-amino-1,2,3,4-tetrahydroquinoline derivatives and their use as **bromodomain inhibitors**

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TI - 2,3-DISUBSTITUTED 1 -ACYL-4-AMINO-1,2,3,4-TETRAHYDROQUINOLINE DERIVATIVES AND THEIR USE AS **BROMODOMAIN INHIBITORS**