

INFORME DE BÚSQUEDA DE PATENTES				
N° de solicitud: NC2016/0004311				
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		Búsqueda por estructura PESTICIDA+ AND /PD<20140516 AND PYRAZOLO+		
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA		CIP: A01N 43/64, A01N 27/00, A01N 43/90, A61K 31/444		
		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 (Obligatoria)	15217097	14/09/2015		A
	08044388	30/04/2008		A
	10108108	01/09/2010		A
ISR	US20120110701	03/05/2012		A
	US20130089622	11/04/2013		A
	WO2013106254	18/07/2013		A
	US20120329649	27/12/2012		A
	US20100173959	08/07/2010		A
EPO	WO2012061290	10/05/2012		A
	US2011166143	07/07/2011		A
EPO Patbase	WO2012102387	02/08/2012		A
USPTO	US7135469	14/11/2006	1, 2, 4 (Rev. 1, 5, 6)	X
	US2014296068	02/10/2014		A
EPOQUENET	US4067970	10/01/1978		A
	US3961052	01/06/1976		A
	US3632757	04/01/1972		A
	GB1296630	15/11/1972		A
	GB1459947	31/12/1976		A
	GB1397997	18/06/1975		A
	GB1355097	05/06/1974		A
	GB1391354	23/04/1975		A
	GB1400110	16/07/1975		A
	GB1374566	20/11/1974		A
	GB1102663	07/02/1968		A
	GB919913	27/02/1963		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.

Fecha del reporte de búsqueda:

12/06/2018

Reference is made to the following documents:

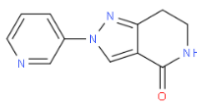
D1: US 2012-0110701 A1 (GARIZI et al.) 03 May 2012
D2: US 2013-0089622 A1 (TRULLINGER et al.) 11 April 2013
D3: WO 2013-106254 A1 (DOW AGROSCIENCES LLC) 18 July 2013
D4: US 2012-0329649 A1 (HUNTER et al.) 27 December 2012
D5: US 2010-0173959 A1 (RENOLD et al.) 08 July 2010

Reference is made to the following documents:

D1 WO 2012/061290 A2 (YAP MAURICE C H [US] ET AL) (2012-05-10)
D2 WO 2012/102387 A1 (NISSAN CHEMICAL LTD [JP]; NUMATA A; IYOBE Y); (2012-08-02)
D3 US 2011/166143 A1 (BRETSCHNEIDER THOMAS [DE] ET AL) (2011-07-07)

Expediente No.	Título	Figura Característica	Fecha de presentación	Estado(s)	Titular
☐ 08044388	COMPOSICIONES CON ACTIVIDAD PESTICIDA QUE TIENEN UNA ACTIVIDAD MEJORADA		30 abr 2008	Negada	DOW AGROSCIENCES LLC
☐ 08116981	UN METODO PARA REDUCIR LA DISPERSION DEL ROCIADO DURANTE LA APLICACION DE PESTICIDAS Y AGENTES DE PROTECCION DE CULTIVO		31 oct 2008	Negada	DOW AGROSCIENCES LLC
☐ 10037779	COMPOSICIONES PESTICIDAS PARA CONTROLAR UNA VARIEDAD DE PESTES DE PHYLUM NEMOTODA Y PHYLUM ARTHOPODA		05 abr 2010	Caducado	DOW AGROSCIENCES LLC
☐ 10108108	COMPUESTOS DE SULFOXIMINAS COMO PESTICIDAS		01 sep 2010	Concedido	DOW AGROSCIENCES LLC
☐ 10112119	COMPUESTOS DERIVADOS DEL ÉSTER TETRAHIDROPIRAN-2-ÍLICO DEL ÁCIDO (FENIL-1,2,4-TRIAZOLIL-FENIL) CARBÁMICO, COMO PESTICIDAS		10 sep 2010	Concedido	DOW AGROSCIENCES LLC
☐ 11011671	COMPOSICIONES PESTICIDAS		02 feb 2011	Negada	DOW AGROSCIENCES LLC

Number of structures found: 1

#	Structure	Details	Publications
1) ☐		2-(pyridin-3-yl)-6,7-dihydro-2H-pyrazolo[4,3-c]pyridin-4(5H)-one IUPAC Name: 2-pyridin-3-yl-6,7-dihydro-5H-pyrazolo[4,3-c]pyridin-4-one Molecular Weight: 214.223 g/mol InChIKey: YWLYHPXGWFVBRO-UHFFFAOYSA-N SMILES: N1=CC(=CC=C1)N1N=C2C(C(NCC2)=O)=C1 Formula: C ₁₁ H ₁₀ N ₄ O 8 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	8

#	Search query	Results	Options
1	[Chemical Explorer]: 2-(pyridin-3-yl)-6, 7-dihydro-2H-pyrazolo[4, 3-c]pyridin-4(5H)-one	1	View Browse Hits Optimise more...

Search 1: "[Chemical Explorer]: 2-(pyridin-3-yl)-6, 7-dihydro-2H-pyrazo..." 1 of 1

Display format: [Classic](#) Sorted by: [Publication date asc](#) [Print](#) [Save/export](#) [Snapshot](#) [Visual explorer](#) [Analytics](#)

Display results

1) Family number: 60811787 (US2015327551A)

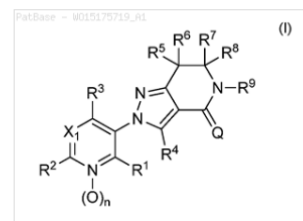
[Similar](#) • [Translate](#) • [Full-text](#) • [Status](#) • [Citations](#)

Title: [EN] PESTICIDAL COMPOSITIONS AND RELATED METHODS

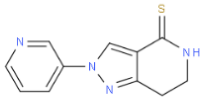
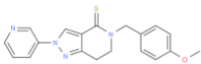
Abstract: Source: US2015327551A [EN] This disclosure relates to the field of molecules having pesticidal utility against pests in Phyla Arthropoda, Mollusca, and Nematoda, processes to produce such molecules, intermediates used in such processes, pesticidal compositions containing such molecules, and processes of using such pesticidal compositions against such pests. These pesticidal compositions may be used, for example, as acaricides, insecticides, miticides, molluscicides, and nematocides. This document discloses molecules having the following formula I, or any agriculturally acceptable salt thereof, wherein R₁, R₂, R₃, R₄, R₅, R₆, R₇, R₈, R₉, X₁, Q, and n are as described herein.

Classifications: [Classification Explorer](#)

International (IPC 8-9): A01N A01N27/00 A01N43/40 A01N43/54 A01N43/56 A01N43/60 A01N43/64 A01N43/90 A01N47/02 A01P7/00 A01P7/04 A61K31/444 A61K31/496 A61K31/506 A61P33/00 A61P33/10 A61P33/14 C07D471/04 (Advanced/Invention);
 A01N37/20 (Advanced/Non-invention);
 A01N43/64 (Core/Invention);
 A01N (Subclass/Invention)



Number of structures found: 0

Number of structures found: 2			
Select all Clear all View selected in PatBase Export to Excel Depiction style: Normal Search/Filter this page			
#	Structure	Details	Publications
1) ☐		2-pyridin-3-yl-6,7-dihydro-5H-pyrazolo[4,3-c]pyridine-4-thione IUPAC Name: 2-pyridin-3-yl-6,7-dihydro-5H-pyrazolo[4,3-c]pyridine-4-thione Molecular Weight: 230.289 g/mol InChIKey: YYOTXJGWTHWWNK-UHFFFAOYSA-N SMILES: C1=2C(NCCC1=NN(C2)C3=CC=CN=C3)=S Formula: C ₁₁ H ₁₀ N ₄ S 2 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	2
2) ☐		5-[(4-methoxyphenyl)methyl]-2-pyridin-3-yl-6,7-dihydropyrazolo[4,3-c]pyridine-4-thione IUPAC Name: 5-[(4-methoxyphenyl)methyl]-2-pyridin-3-yl-6,7-dihydropyrazolo[4,3-c]pyridine-4-thione Molecular Weight: 350.437 g/mol InChIKey: JRYSGBFQIQJOQ-UHFFFAOYSA-N SMILES: C1=2C(N(CCC1=NN(C2)C3=CC=CN=C3)CC=4C=CC(=CC4)OC)=S Formula: C ₁₉ H ₁₈ N ₄ OS 2 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	2



Username: SIC6@patbase.com
Subaccount: none

Menu	Search	History	Session	Folder	Order	Help	Logoff
------	--------	---------	---------	--------	-------	------	--------

#	Search query	Results	Options	Information	Shortcuts
3	[Chemical Explorer]: Selected structures (2)	1	View Browse Hits Optimise more...	Command Reference	

Search 3: "[Chemical Explorer]: Selected structures (2)" 1 of 1

Display format: Classic Sorted by: Publication date asc [Print](#) [Save/export](#) [Snapshot](#) [Visual explorer](#) [Analytics](#)

Display results

1) Family number: 60811787 (US2015327551A)

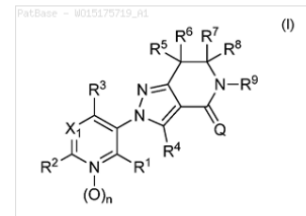
[Similar](#) • [Translate](#) • [Full-text](#) • [Status](#) • [Citations](#) [Email](#) [Print](#) [Share](#)

Title: [EN] PESTICIDAL COMPOSITIONS AND RELATED METHODS

Abstract: Source: US2015327551A [EN] This disclosure relates to the field of molecules having pesticidal utility against pests in Phyla Arthropoda, Mollusca, and Nematoda, processes to produce such molecules, intermediates used in such processes, pesticidal compositions containing such molecules, and processes of using such pesticidal compositions against such pests. These pesticidal compositions may be used, for example, as acaricides, insecticides, miticides, molluscicides, and nematocides. This document discloses molecules having the following formula I, or any agriculturally acceptable salt thereof, wherein R₁, R₂, R₃, R₄, R₅, R₆, R₇, R₈, R₉, X₁, Q, and n are as described herein.

Classifications: [Classification Explorer](#)

International (IPC 8-9): A01N A01N27/00 A01N43/40 A01N43/54 A01N43/56 A01N43/60 A01N43/64 A01N43/90 A01N47/02 A01P7/00 A01P7/04 A61K31/444 A61K31/496 A61K31/506 A61P33/00 A61P33/10 A61P33/14 C07D471/04 (Advanced/Invention);



Number of structures found: 93 [Number of structures shown: 50, Consider using a more specific search structure or increasing the number of structures returned]

Select all Clear all View selected in PatBase Export to Excel		Depiction style: Normal	Search/Filter this page
#	Structure	Details	Publications
1) ☒		5-(2-(methoxyimino)-2-phenylethyl)-2-(pyridin-3-yl)-2,5,6,7-tetrahydro-4H-pyrazolo[4,3-c]pyridin-4-one IUPAC Name: 5-(2-methoxyimino-2-phenylethyl)-2-pyridin-3-yl-6,7-dihydropyrazolo[4,3-c]pyridin-4-one Molecular Weight: 361.397 g/mol InChIKey: RNXZHSYRICLFAV-UHFFFAOYSA-N SMILES: <chem>CON=C(CN1C(C=2C(CC1)=NN(C2)C=2C=NC=CC2)=O)C2=CC=CC=C2</chem> Formula: C ₂₀ H ₁₉ N ₅ O ₂	8
8 patent publications found View in PatBase Stats Analytics			
Links: PubChem ChemSpider Wikipedia Save MOL			
2) ☒		2-(3-pyridyl)-5-[[3-(trifluoromethyl)phenyl]methyl]-6,7-dihydropyrazolo[4,3-c]pyridin-4-one IUPAC Name: 2-pyridin-3-yl-5-[[3-(trifluoromethyl)phenyl]methyl]-6,7-dihydropyrazolo[4,3-c]pyridin-4-one Molecular Weight: 372.344 g/mol InChIKey: YVHCJRDAWHDTRU-UHFFFAOYSA-N SMILES: <chem>N1=CC(=CC=C1)N1N=C2C(C(N(CC2)CC2=CC(=CC=C2)C(F)(F)F)=O)=C1</chem> Formula: C ₁₉ H ₁₅ F ₃ N ₄ O	8
8 patent publications found View in PatBase Stats Analytics			



Username: SIC6@patbase.com
Subaccount: none

Menu Search History Session Folder Order Help Logoff

#	Search query	Results	Options
4	[Chemical Explorer]: Selected structures (50)	1	View Browse Hits Optimise more...



Username: SIC6@patbase.com
Subaccount: none

Menu Search History Session Folder Order Help Logoff

Search 4: "[Chemical Explorer]: Selected structures (50)" 1 of 1

Display results

Display format: Classic Sorted by: Publication date asc Print Save/export Snapshot Visual explorer Analytics

1) Family number: 60811787 (US2015327551A)

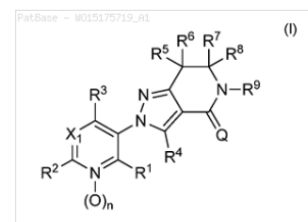
Similar Translate Full-text Status Citations

Title: [EN] PESTICIDAL COMPOSITIONS AND RELATED METHODS

Abstract: Source: US2015327551A [EN] This disclosure relates to the field of molecules having pesticidal utility against pests in Phyla Arthropoda, Mollusca, and Nematoda, processes to produce such molecules, intermediates used in such processes, pesticidal compositions containing such molecules, and processes of using such pesticidal compositions against such pests. These pesticidal compositions may be used, for example, as acaricides, insecticides, miticides, molluscicides, and nematocides. This document discloses molecules having the following formula I, or any agriculturally acceptable salt thereof, wherein R₁, R₂, R₃, R₄, R₅, R₆, R₇, R₈, R₉, X₁, Q, and n are as described herein.

Classifications: Classification Explorer

International (IPC 8-9): A01N A01N27/00 A01N43/40 A01N43/54 A01N43/56 A01N43/60 A01N43/64 A01N43/90 A01N47/02 A01P7/00 A01P7/04



#	Search query	Results	Options
14	12 AND 13	1	View Browse Hits Optimise more...
13	[Chemical Explorer]: Selected structures (50)	6	View Browse Hits Optimise more...
12	6 AND 11	2011	View Browse Hits Optimise more...
11	[Chemical Explorer]: Selected structures (50)	72458	View Browse Hits Optimise more...
10	[Chemical Explorer]: Selected structures (50)	72458	View Browse Hits Optimise more...
9	[Chemical Explorer]: Selected structures (50)	72458	View Browse Hits Optimise more...
8	7 AND 6	1	View Browse Hits Optimise more...
7	[Chemical Explorer]: Selected structures (50)	7	View Browse Hits Optimise more...
6	STAC=(PESTICIDE)	47864	View Browse Hits Optimise more...
5	[Chemical Explorer]: Selected structures (2)	1	View Browse Hits Optimise more...
4	[Chemical Explorer]: Selected structures (50)	6	View Browse Hits Optimise more...
3	[Chemical Explorer]: Selected structures (50)	7	View Browse Hits Optimise more...
2	[Chemical Explorer]: Selected structures (1)	2	View Browse Hits Optimise more...
1	PN=(WO2012102387)	1	View Browse Hits Optimise more...

Command Reference

- Bibliographic data
- Textual data
- Update commands
- Operators
- Navigation / shortcuts

Search tools

- Patent Number Formats
- PatBase Thesaurus
- Classification Finder

Register for a Webinar

European Training Courses

Search 14: "12 AND 13" 1 of 1

Display results

Display format: Classic Sorted by: Publication date asc Print Save/export Snapshot Visual explorer Analytics

1) Family number: 51633374 (WO12102387A1)

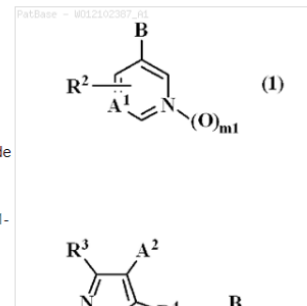
Similar Translate Full-text Status Citations

Title: [EN] PYRAZOLE DERIVATIVE AND PEST CONTROL AGENT
[FR] DERIVE DE PYRAZOLE ET PESTICIDE

Abstract: Source: WO12102387A1 [EN] Provided is a novel pest control agent, and in particular an insecticide or acaricide. Provided is a pyrazole derivative and pest control agent represented by general formula (1) (1) [where B represents a pyrazole ring represented by a structural formula (2); (2) A1 represents -N(-O)m2 or -CR1, A2 represents a heterocyclic ring D1-1 to D1-102, or phenyl or the like substituted with (Z1)q; R1, R3 and R4 individually represent a hydrogen atom, a halogen atom and/or a C1-C6 alkyl or the like; and Z1 represents a halogen atom, a C1-C6 alkyl, or (C1-C12) alkyl or the like optionally substituted with R5].

[FR] La presente invention concerne un nouveau pesticide, en particulier un insecticide ou un acaricide. L'invention concerne ainsi un derive de pyrazole et un pesticide representes par la formule generale (1). Dans cette formule, B est noyau pyrazole represente par la formule structurelle (2). A2 est noyau heterocyclique D1-1 A D1-102, ou phenyle ou analogue substitue par (Z1)q. R1, R2 et R4 sont chacun individuellement atome d'hydrogene, atome d'halogene et/ou C1-C6 alkyle ou analogue. Enfin, Z1 est atome d'halogene, C1-C6 alkyle, ou (C1-C12) alkyle ou analogue eventuellement substitue par R5.

Classifications: Classification Explains



Internal - Current DB: EPDOC - Search Recording ON

File Edit PDB X-File Options Help

amino or C1-C5 mono- or dialkylamino, and is a 5-pyrazolyl or substituted 5-pyrazolyl radical selected from C1-C5 alkyl, C1-C5 alkenyl, or phenyl. They may be obtained by an esterification in which the 5-pyrazolyl or substituted pyrazolyl radical is introduced into an appropriate compound nucleus before, during or after the introduction of the alkylester and/or the amino or alkylamino group. The reaction is:- (1) reacting an alkali metal salt of a suitable 5-**pyrazolol** (ROH) with an O-C1-C5 alkyl phosphorodichloridate Y of the formula Cl.P:(X)(OY)Z the reaction being suitably effected in an inert organic solvent and at from 20 DEG to 80 DEG C. and (2) reacting an alkali metal salt of a 5-**pyrazolol** (ROH) with a C1-C5 alkyl phosphorodichloridate Y of the formula R.O.P:(X)(OY)Cl and then reacting the latter with ammonia to produce the desired product. In the first step of reaction (2) the reactants are preferably employed in equimolecular proportions and preferably at a temperature of from -40 DEG to 50 DEG C. and in the presence of a solvent such as benzene or methyl isobutyl ketone. In the second step the ammonia is preferably added in a molecular proportion of 2 : 1 to the intermediate dissolved in an organic solvent. Several examples are given. The products have **pesticidal** and herbicidal properties (see Group IV). The 5-**pyrazolols** used as starting materials may be obtained by reacting an alkali metal hydrazide or potassium hydroxide with the corresponding 2-pyrazolin-5-one in a solvent such as benzene at from 20 DEG to 80 DEG C. The 2-pyrazolin-5-one compounds used to form the alkali metal salts of the 5-**pyrazolols** may be obtained by reacting hydrazine or an appropriately substituted hydrazine with a C1-C4 alkyl ester of a suitable acyl compound such as acetic acid, aceto acetic acid, propionyl acetic acid, hexanoyl acetic acid, 2-formyl propionic acid, 2-(3-butenoyl)-acetic acid, benzoyl acetic acid, 2-furanyl phenyl acetic acid or 2-acetophenyl acetic acid. The reaction is carried out in water as reaction medium and suitably at from 20 DEG to 80 DEG C. ALSO: A herbicide composition comprises as active ingredient a compound of the formula R.O.P:(X)(Z)(O.Y) where R is a C1-C5 alkyl, C1-C5 alkenyl, or phenyl, X is amino or mono- or di-C1-C5 alkylamino, and Z is a 5-pyrazolyl or a substituted 5-pyrazolyl radical selected from C1-C5 alkyl, C1-C5 alkenyl, or phenyl (see Group IV) and Y is a C1-C5 alkyl, C1-C5 alkenyl, or phenyl (the form of a dust or of an aqueous suspension containing a wetting agent or may be in the form of a solid which may contain a wetting, dispersing, or emulsifying agent).

Database	SS	Status	Results	Query
EPDOC	1		16656	PESTICIDA+
	2		91087625	/PD<20140516
	3		16340	PYRAZOLO+
	4		12	1 AND 2 AND 3

Help F2 F3 F4 F5 F6 F7 F8 F9

☒ Keep dialog open
 ☐ Current Database
 ☐ Show metadata

☒ All Databases
 ☐ Expand rows (Clust...