

INFORME DE BÚSQUEDA DE PATENTES				
N° de solicitud: NC2017/0000049				
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 herbicide AND /PD<20140807 AND FURAN+ AND CYANO+ AND +PICOLIN+		
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA		CIP: C07D 213/65; C07D 213/79; C07D 213/84 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)	10036554	26/03/2010		A
	13175740	25/17/2013		A
	15024012	16/02/2015		P
	NC2017/0000010	03/01/2017		P
	NC2017/0000430	19/01/2017		P
ISR USPTO	Pubchem-CID-11435037	26/10/2006	1	X
ISR	US4506084	19/03/1985		
Patbase	WO17127791	27/07/2017		P
	WO16126085	11/08/2016		P
	WO17127794	27/07/2017		P
	WO17156194	14/09/2017		P
	US2017247330	31/08/2017		P
Orbit	WO9321162	10/04/1993		A
	EP2589293	03/11/2011		A
	WO20050870004	05/03/2004		A
	WO2005016873	14/08/2003		A
	CA2857075	05/02/2008		A
Epoquenet	TW427976	01/04/2001		A
	GB811137	02/04/1959		A
	GB1038342	10/08/1966		A
	GB421718	27/12/1934		A
	EA199800943	29/04/1999		A
	CA2094368	24/10/1993		A
STN	WO2016126085	11/08/2016		P
	WO2017156194	14/09/2017		P
*** 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:

19/07/2018

Se pueden utilizar los operadores booleanos AND, OR, NOT, asteriscos y comillas en su consulta de búsqueda.			
Número de expediente			
Número de Concesión / Certificado			
Título	*picolín		
Fecha de presentación	desde	hasta	Número de prioridad
Fecha de orden de publicación	desde	hasta	Fecha de prioridad desde hasta
Fecha de Concesión	desde	hasta	País de prioridad
Fecha de Vencimiento para Anualidad	desde	hasta	Vigencia desde hasta
Fecha de publicación	desde	hasta	Fecha de entrada en fase nacional desde hasta
Estado(s)	Seleccionar		Clasificación IPC Seleccionar
Sector Tecnológico			Texto IPC
Tipo de solicitud			Ver la clasificación completa del IPC
Tipo de Patente			
Solicitante/Titular de la patente	Apoderado		
Número de identificación Nombre(s) Apellido(s) 54140 DOW AGROSCIENCES LLC. Suprimir DOW AGROSCIENCES LLC. Suprimir DOW AGROSCIENCES LLC. Suprimir			

8 Casos asociados

Expediente No.	Título	Figura Característica	Fecha de presentación	Estado(s)	Titular
10036554	HERBICIDAS DERIVADOS DE ÁCIDOS 2-SUBSTITUIDO-6-AMINO-5-ALQUILO, ALQUENILO O ALQUINILO-4-PIRIMIDINACARBOXÍLICO Y ÁCIDOS PICOLÍNICOS 6-SUBSTITUIDO-4-AMINO-3-ALQUILO, ALQUENILO O ALQUINILO		26 mar 2010	Concedido	DOW AGROSCIENCES LLC.
13175740	ÁCIDO 6-AMINO-2-SUBSTITUIDO-5-VINILSILIPYRIMIDIN-4-CARBOXÍLICOS Y ESTERES Y ÁCIDOS 4-AMINO-6-SUBSTITUIDO-3-VINILSILIPYRIDIN-PICOLÍNICOS Y ÉSTERES COMO HERBICIDAS		25 jul 2013	Caducado	DOW AGROSCIENCES LLC.
15024012	PROCESO PARA LA PREPARACIÓN DE 4-AMINO-5-FLÚOR-3-HALO-6- PICOLINATOS(SUBSTITUIDOS) A PARTIR DE DERIVADOS DE CLORURO DE ÁCIDO PICOLÍNICO		06 feb 2015	Concedido	DOW AGROSCIENCES LLC.
NC2017/0000010	PROCESO PARA LA PREPARACION DE ÁCIDOS 3-HIDROXIPICOLÍNICOS		03 ene 2017	Requerimiento de Examen de Fondo	DOW AGROSCIENCES LLC.
NC2017/0000049	REACTIVOS Y COMPUESTOS INTERMEDIARIOS PARA EL PROCESO PARA LA PREPARACIÓN DE ÁCIDOS 4-ALCOXI HIDROXIPICOLÍNICOS		04 ene 2017	Bajo Examen de Fondo	DOW AGROSCIENCES LLC.
NC2017/0000430	PROCESO PARA LA PREPARACIÓN DE ÁCIDOS 4-ALCOXI-3-HIDROXIPICOLÍNICOS		19 ene 2017	Bajo Examen de Fondo	DOW AGROSCIENCES LLC.
NC2017/0000446	PROCESO PARA LA PREPARACION DE ÁCIDOS 4-ALCOXI -3- HIDROXIPICOLÍNICOS		19 ene 2017	Bajo Examen de Fondo	DOW AGROSCIENCES LLC.
NC2017/0001129	PROCEDIMIENTO PARA LA PREPARACION DE ACIDO 4,5,6-TRICLOROPICOLÍNICO		07 feb 2017	Bajo Examen de Fondo	DOW AGROSCIENCES LLC

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CPlus

1.5 COUNTS RESULTS

CPlus (7)

Get Substances View: Hit Sort by: Accession Number Display: 25

1. Patent 2017 Pyranones, pyridinones and tropones and related compounds, their preparation, compositions and methods for inhibiting influenza RNA polymerase PA endonuclease

Puerta, David T. • Cohen, Seth M. • Credille, Cy V.
University of California, United States (US)
PCT Int. Appl., pp. 249 *In English*
2017:1478048 (DN 167:393886)

Substance Indexing

1859081-53-0P Show hit structures

Notes: prepn. of pyranones, pyridinones and tropones and related compds. as influenza RNA polymerase PA endonuclease inhibitors
Roles: Preparation (PREP), Reactant (RCT), Reactant or Reagent (RACT), Synthetic Preparation (SPN)

2. Patent 2017 Process for the preparation of 4-alkoxy-3-hydroxypicolinic acids via acetylation of 4-alkoxy-3-acetoxypicolinic acids under Schotten-Baumann reaction conditions

Whiteker, Gregory T. • Borromeo, Peter • Li, Fangzheng • Roth, Gary
Dow AgroSciences LLC, United States (US)
PCT Int. Appl., pp. 21 *In English*
2017:1223727 (DN 167:245196)

Substance Indexing

1859081-53-0P, 4,6-Dibromo-3-hydroxy-2-picolinonitrile Show hit structures

Notes: intermediate; prepn. of 4-alkoxy-3-hydroxypicolinic acids via acetylation of 4-alkoxy-3-acetoxypicolinic acids under Schotten-Baumann reaction conditions
Roles: Preparation (PREP), Reactant (RCT), Reactant or Reagent (RACT), Synthetic Preparation (SPN)

Selected: 0 | Total: 0

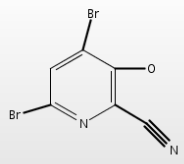
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STRS Add tag



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L10 COUNTS RESULTS

CPlus (3) REGISTRY

Get Substances View: Hit Sort by: Accession Number Display: 25

1. Patent 2016 Process for the preparation of 4-alkoxy-3-hydroxypicolinic acids

Renga, James M. • Zhu, Yuanming • Whiteker, Gregory T. • Choy, Nakyen • Stockman, Kenneth E.
Dow AgroSciences LLC, United States (US)
PCT Int. Appl., pp. 42 *In English*
2016:65375 (DN 164:200505)

Substance Indexing

1859081-62-1P, 6-Bromo-3-hydroxy-4-methoxypicolinic acid Show hit structures
1859081-65-4P, 6-Bromo-4-ethoxy-3-hydroxypicolinic acid

Notes: process for prepn. of 4-alkoxy-3-hydroxypicolinic acids
Roles: Preparation (PREP), Reactant (RCT), Reactant or Reagent (RACT), Synthetic Preparation (SPN)

2. Patent 2016 Process for the preparation of 4-alkoxy-3-hydroxypicolinic acids

Renga, James M. • Zhu, Yuanming • Whiteker, Gregory T. • Choy, Nakyen
Dow AgroSciences LLC, United States (US)
PCT Int. Appl., pp. 40 *In English*
2016:65224 (DN 164:200504)

Substance Indexing

1859081-62-1P, 6-Bromo-3-hydroxy-4-methoxypicolinic acid Show hit structures
1859081-65-4P, 6-Bromo-4-ethoxy-3-hydroxypicolinic acid

Notes: process for prepn. of 4-alkoxy-3-hydroxypicolinic acids
Roles: Preparation (PREP), Reactant (RCT), Reactant or Reagent (RACT), Synthetic Preparation (SPN)

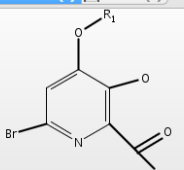
Selected: 0 | Total: 0

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QUERIES (10) STRUCTURES (8) SAVED (0)



R1 = Me, Et, Pr-n, Pr-i

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PubChem-CID-11435037 Create Date: 26 October 2006 (26.10.2006), pg 3, Fig	1
X	US 4,506,084 A (KAY, IT et al.) 19 March 1985 (19.03.1985), entire document, especially: col 11, Example 1.	1

[illegible]

[SS 14]

Database	SS	Status	Results	Query
EPODOC	1		26954	HERBICIDE
	2		92018971	/PD<20140807
	3		22777	1 AND 2
	4		30	+METHANAMINIUM
	5		0	3 AND 4
	6		19501	FURAN+
	7		75	6 AND 3
	8		4744	+PICOLIN+
	9		0	7 AND 8
	10		212	3 AND 8
	11		35	8 AND 6
	12		93542	CYANO+
	13		6	11 AND 12

<u>S</u> ave as preparation	Rank and <u>V</u> iew	Send to <u>V</u> iewer	Save as <u>S</u>
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Easy search

Menu Filter Explorer << >>

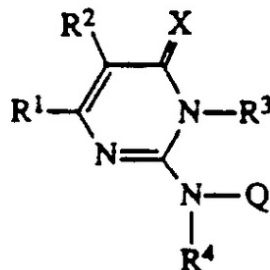
Filter options ?

- Legal status
 - Alive (24)
 - Dead (3)
- 1st application year
 - After 2015 (0)
 - 2011-2015 (12)
 - 2006-2010 (8)
 - 2001-2005 (4)
 - Before 2001 (3)
 - More...
- Assignee
- Litigations
- Oppositions

Select Display Translate Edit Preview

#	Title	Publication number	1st app. date	Applicant/Assignee	Relevance	Litigation
1	2-arylaminoimidinone derivative, and herbicide and plant growth regulator.	WO9321162	1993-04-10	JP, NISSAN CH...	100 %	
2	Herbicide/safener compositions containing n-(tetrazol-5-yl) aryl carboxylic acid amides and n-(triazol-5-yl) aryl carboxylic acid amides	EP2589293	2011-11-03	BAYER, BAYER...	98 %	
3	Herbicide based on a substituted then-3-yl-sulfonylamino(thio)carbonyl-triazolin(th)ione and a 4-hppd inhibitor	WO2005087004	2004-03-05	BAYER CROPS...	96 %	
4	Manipulation of protoporphyrinogen oxidase enzyme activity in eukaryotic organisms	WO9534659	1995-06-06	CIBA GEIGY; N...	91 %	
5	Chemical compounds	GB0725218	2007-12-24	SYNGENTA; SY...	84 %	
6	4-biphenylsubstituted pyrazolidin-3,5-dione derivatives	WO2005016873	2003-08-14	BAYER CROPS...	82 %	
7	Fungicidal compositions	CA2857733	2012-04-09	SYNGENTA PA...	80 %	
8	Pesticidal mixtures	CA2857075	2008-02-05	BASF*	79 %	
9	Herbicidal 1-aryl-4-substituted-1,4-dihydro-5h-tetrazol-5-ones and sulfur analogs thereof	IT8423425	1984-11-02	FMC CORPOR...	79 %	
10	Diamino-1,3,5-triazines-n-substituted with bicyclic radicals, process for their preparation, compositions thereof, and their use as herbicides and plant growth regulators	US20070238617	2006-04-11	BAYER CROPS...	77 %	

2-arylaminoimidinone derivative, and herbicide and plant growth regulator.



Number of structures found: 3

Select all Clear all View selected in PatBase Export to Excel

Search/Filter this page

#	Structure	Details	Publications
1) ☐		amino(furan-2-yl)acetonitrile IUPAC Name: 2-amino-2-(furan-2-yl)acetonitrile Molecular Weight: 122.125 g/mol InChIKey: OKAMJVNCFNTEFKO-UHFFFAOYSA-N SMILES: O1C(=CC=C1)C(C#N)N Formula: C ₆ H ₆ N ₂ O 61 patent publications found View in PatBase Stats Analytics	61
2) ☐		cyano(furan-2-yl)methanaminium IUPAC Name: Molecular Weight: 123.133 g/mol InChIKey: OKAMJVNCFNTEFKO-UHFFFAOYSA-O SMILES: C(#[N])C([NH3+])C=1OC=CC1 Formula: C ₆ H ₇ N ₂ O 19 patent publications found View in PatBase Stats Analytics	19



Username: sic7@patbase.com
Subaccount: none

Menu Search History Session Folder Order Help Logout

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

Information Shortcuts

Command Reference

Bibliographic data

1) Family number: 61380651 (US2016009649A)

Similar • Translate • Full-text • Status • Citations

PROCESS FOR THE PREPARATION OF 4-ALKOXY-3-HYDROXYPICOLINIC ACIDS

Abstract: Source: US2016009649A 4,6-Dibromo-3-hydroxypicolinonitrile may be prepared from furfural in a series of chemical steps selected from cyano-amination, amine salt formation and bromination-rearrangement.

Probable Assignee: DOW AGROSCIENCES LLC

Earliest Publication Date: 20160114

2) Family number: 66459452 (WO17127791A1)

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PROCESS FOR THE PREPARATION OF 4-ALKOXY-3-ACETOXYPICOLINIC ACIDS

Abstract: 4-Alkoxy-3-hydroxypicolinic acids may be conveniently prepared from 4,6-dibromo-3-hydroxypicolinonitrile in a series of chemical steps selected from bromo substitution, nitrile hydrolysis and halogen reduction that are conducted as a single pot process. 4,6-Dibromo-3-hydroxypicolinonitrile may be prepared from furfural in a series of chemical steps selected from cyano-amination, amine salt formation and bromination-rearrangement. 4-Alkoxy-3-acetoxypicolinic acids may be conveniently prepared from 4-alkoxy-3-hydroxypicolinic acids by treatment with acetic anhydride.

Probable Assignee: DOW AGROSCIENCES LLC

Earliest Publication Date: 20170727

3) Family number: 66459454 (WO17127794A1)

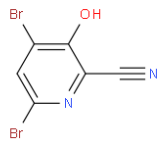
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PROCESS FOR THE PREPARATION OF 4-ALKOXY-3-HYDROXYPICOLINIC ACIDS

Number of structures found: 1

Select all Clear all View selected in PatBase Export to Excel

Search/Filter this page

#	Structure	Details	Publications
1) ☒		4,6-dibromo-3-hydroxypicolinonitrile IUPAC Name: 4,6-dibromo-3-hydroxypyridine-2-carbonitrile Molecular Weight: 277.901 g/mol InChIKey: UREMOXFNMQZKHW-UHFFFAOYSA-N SMILES: BrC1=C(C(=NC(=C1)Br)C#N)O Formula: C ₆ H ₂ Br ₂ N ₂ O 30 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	30

Username: sic7@patbase.com
Subaccount: none

Menu Search History Session Folder Order Help Logoff

#	Search query	Results	Options
3	[Chemical Explorer]: 4, 6-dibromo-3-hydroxypicolinonitrile	5	View Browse Hits Optimise more...

Command Reference

Menu Search History Session Folder Order Help Logoff

Search 3: "[Chemical Explorer]: 4, 6-dibromo-3-hydroxypicolinonitrile" 1-5 of 5

Display results

Display format: Scan Sorted by: Relevance [Print](#) [Save/export](#) [Snapshot](#) [Visual explorer](#) [Analytics](#)

1) Family number: 61380651 (US2016009649A)

Similar Translate Full-text Status Citations

PROCESS FOR THE PREPARATION OF 4-ALKOXY-3-HYDROXYPICOLINIC ACIDS

Abstract: Source: US2016009649A 4,6-Dibromo-3-hydroxypicolinonitrile may be prepared from furfural in a series of chemical steps selected from cyano-amination, amine salt formation and bromination-rearrangement.

Probable Assignee: DOW AGROSCIENCES LLC

Earliest Publication Date: 20160114

2) Family number: 63123189 (WO16126085A3)

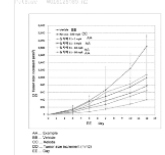
Similar Translate Full-text Status Citations

HETEROCYCLIC COMPOUND AND PHARMACEUTICAL COMPOSITION COMPRISING SAME

Abstract: The present invention relates to a novel heterocyclic compound capable of suppressing activity of cyclin-dependent kinase (CDK) and a pharmaceutical composition comprising the same as an active ingredient. The heterocyclic compound according to the present invention and a pharmaceutically acceptable salt thereof can be effectively used in treatment or prevention of cancers, degenerative brain diseases, etc.

Probable Assignee: BEYONDBIO INC

Earliest Publication Date: 20160811



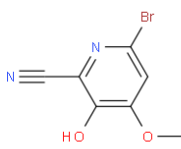
3) Family number: 66459452 (WO17127791A1)

Similar Translate Full-text Status Citations

Number of structures found: 1

Select all Clear all View selected in PatBase Export to Excel

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#	Structure	Details	Publications
1) ☐		6-bromo-3-hydroxy-4-methoxypicolinonitrile IUPAC Name: 6-bromo-3-hydroxy-4-methoxypyridine-2-carbonitrile Molecular Weight: 229.031 g/mol InChIKey: CZBHNQUBIOGHV-UHFFFAOYSA-N SMILES: BrC1=CC(=C(C(=N1)C#N)O)OC Formula: C ₇ H ₅ BrN ₂ O ₂ 21 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	21

#	Search query	Results	Options
5	[Chemical Explorer]: Selected structures (1)	2	View Browse Hits Optimise more...

Information Shortcuts

Command Reference

Search 5: "[Chemical Explorer]: Selected structures (1)" 1-2 of 2

Display results

Display format: Scan Sorted by: Relevance Print Save/export Snapshot Visual explorer Analytics

1) Family number: 61380651 (US2016009649A)

Similar Translate Full-text Status Citations

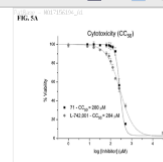
PROCESS FOR THE PREPARATION OF 4-ALKOXY-3-HYDROXYPICOLINIC ACIDS

Abstract: Source: US2016009649A 4,6-Dibromo-3-hydroxypicolonitrile may be prepared from furfural in a series of chemical steps selected from cyano-amination, amine salt formation and bromination-rearrangement.**Probable Assignee:** DOW AGROSCIENCES LLC**Earliest Publication Date:** 20160114

2) Family number: 66946754 (WO17156194A1)

Similar Translate Full-text Status Citations

COMPOSITIONS AND METHODS FOR INHIBITING INFLUENZA RNA POLYMERASE PA ENDONUCLEASE

Abstract: There are provided inter alia metalloenzyme inhibitors, such as inhibitors of influenza A RNA dependent RNA polymerase PA subunit endonuclease, and methods of synthesis and use of the same.**Probable Assignee:** UNIV CALIFORNIA**Earliest Publication Date:** 20170914

Number of structures found: 1

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#	Structure	Details	Publications
1) ☒		6-Bromo-4-ethoxy-3-hydroxypicolonitrile IUPAC Name: 6-bromo-4-ethoxy-3-hydroxypyridine-2-carbonitrile Molecular Weight: 243.057 g/mol InChIKey: RSZAMRRZQHZDBC-UHFFFAOYSA-N SMILES: BrC1=CC(=C(C(=N1)C#N)O)OCC Formula: C ₈ H ₇ BrN ₂ O ₂	20

20 patent publications found View in PatBase Stats Analytics

Links: PubChem ChemSpider Wikipedia Save MOL

#	Search query	Results	Options
7	[Chemical Explorer]: 6-Bromo-4-ethoxy-3-hydroxypicolonitrile	1	View Browse Hits Optimise more...

Information Shortcuts

Command Reference

Search 7: "[Chemical Explorer]: 6-Bromo-4-ethoxy-3-hydroxypicolonitrile" 1 of 1

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Display format: Scan Sorted by: Relevance Print Save/export Snapshot Visual explorer Analytics

1) Family number: 61380651 (US2016009649A)

Similar Translate Full-text Status Citations

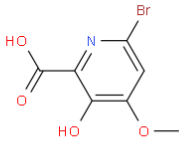
PROCESS FOR THE PREPARATION OF 4-ALKOXY-3-HYDROXYPICOLINIC ACIDS

Abstract: Source: US2016009649A 4,6-Dibromo-3-hydroxypicolonitrile may be prepared from furfural in a series of chemical steps selected from cyano-amination, amine salt formation and bromination-rearrangement.**Probable Assignee:** DOW AGROSCIENCES LLC**Earliest Publication Date:** 20160114

Number of structures found: 1

Select all Clear all View selected in PatBase Export to Excel

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#	Structure	Details	Publications
1) ☒		3-hydroxy-6-bromo-4-methoxypicolinic acid IUPAC Name: 6-bromo-3-hydroxy-4-methoxypyridine-2-carboxylic acid Molecular Weight: 248.031 g/mol InChIKey: LICOFLRJWUSTHI-UHFFFAOYSA-N SMILES: BrC1=CC(=C(C(=N1)C(=O)O)O)OC Formula: C ₇ H ₆ BrNO ₄ 23 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	23



Username: sic7@patbase.com
Subaccount: none

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#	Search query	Results	Options
8	[Chemical Explorer]: 3-hydroxy-6-bromo-4-methoxypicolinic acid	2	View Browse Hits Optimise more...

Search 8: "[Chemical Explorer]: 3-hydroxy-6-bromo-4-methoxypicolinic acid" 1-2 of 2

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1) Family number: 61380651 (US2016009649A)

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PROCESS FOR THE PREPARATION OF 4-ALKOXY-3-HYDROXYPICOLINIC ACIDS

Abstract: Source: US2016009649A 4,6-Dibromo-3-hydroxypicolonitrile may be prepared from furfural in a series of chemical steps selected from cyano-amination, amine salt formation and bromination-rearrangement.

Probable Assignee: DOW AGROSCIENCES LLC

Earliest Publication Date: 20160114

2) Family number: 66772106 (US2017247330A)

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PROCESS FOR THE PREPARATION OF 4-ALKOXY-3-HYDROXYPICOLINIC ACIDS

Abstract: Source: US2017247330A 4-Alkoxy-3-hydroxypicolinic acids may be conveniently prepared from 2-hydroxypicolonitrile in a series of chemical steps selected from: chlorination, chloro substitution, nitrile hydrolysis and chloro reduction.

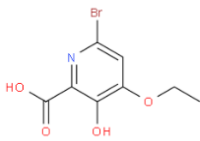
Probable Assignee: DOW AGROSCIENCES LLC

Earliest Publication Date: 20170831

Number of structures found: 1

Select all Clear all View selected in PatBase Export to Excel

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#	Structure	Details	Publications
1) ☒		6-bromo-4-ethoxy-3-hydroxypicolinic acid IUPAC Name: 6-bromo-4-ethoxy-3-hydroxypyridine-2-carboxylic acid Molecular Weight: 262.057 g/mol InChIKey: MDEIXNMTXFRUGR-UHFFFAOYSA-N SMILES: BrC1=CC(=C(C(=N1)C(=O)O)O)OCC Formula: C ₈ H ₈ BrNO ₄ 20 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	20



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1) Family number: 61380651 (US2016009649A)

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PROCESS FOR THE PREPARATION OF 4-ALKOXY-3-HYDROXYPICOLINIC ACIDS

Abstract: Source: US2016009649A 4,6-Dibromo-3-hydroxypicolonitrile may be prepared from furfural in a series of chemical steps selected from cyano-amination, amine salt formation and bromination-rearrangement.

Probable Assignee: DOW AGROSCIENCES LLC

Earliest Publication Date: 20160114

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