

Solicitud No.		Examen de patentabilidad							
NC2017/0000049		1°		2°	x	3°		Revoca	
Solicitud Internacional No.		Fecha solicitud internacional: (DD/MM/AÑO)							
WO/2016/007638		08/07/2015							
Fecha de determinación estado de la técnica (DD/MM/AÑO)				Prioridad			Presentación		
08/07/2014				x					
Solicitante									
DOW AGROSCIENCES LLC									
Reivindicaciones que no son objeto de búsqueda por:									
Art. 14		Art. 15		Art. 20		Art. 25 (Falta de unidad de invención)			

CRITERIOS DE BÚSQUEDA	
Reivindicaciones objeto de búsqueda	1 a 9
Palabras clave utilizadas	Búsqueda por estructura
Clasificaciones utilizadas para la búsqueda	CIP: C07D 213/65 ,C07D 213/79,C07D 213/84

DOCUMENTOS CONSIDERADOS RELEVANTES (Documentos patente, Literatura no patente (LNP): Artículos, catálogos, etc.)					
Informes de búsqueda / Bases de datos consultadas	N° de solicitud de patente / N° de patente / Autor LNP ⁽¹⁾	Fecha de Publicación /Presentación (DD/MM/AAAA)	Reivindicaciones /Secuencias afectadas	Citas relevantes del estado de la técnica	Categoría del documento citado ⁽²⁾
ISR USPTO	CID-11435037	26/10/2006	1, 8, 9	Estructura depositada	Y
ISR	US6521622	18/02/2003			A
	US4506084	19/03/1985			A
	Goldberg	01/01/1947			A
	US4406905	27/09/1983			A
	Clauson	1965	1, 2	Pág. 1149	Y
SIPI	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
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 Patbase	WO2016126085	11/08/2016			P
	WO2017156194	14/09/2017			P
Patbase	WO2005042524	12/05/2005			A
	WO2001005769	25/01/2000			A
	JP8059670	05/03/1996			A
	EP0336369	11/10/1989			A

		INFORME DE BÚSQUEDA EXAMEN DE PATENTABILIDAD NUEVAS CREACIONES			
	US5112968	12/05/1995			A
	WO2015077655	28/05/2015			P
	WO2017127791	27/07/2017			P
	WO2016007634	14/01/2016			P
	WO2016007637	14/01/2016			P
	WO2016007638	14/01/2016			P
(1) Cita completa literatura no patente (LNP)		Goldberg, AA, et al (1947). 254. Synthesis of Omega-Aminoalkyl Cyanides. <i>Journal of the Chemical Society</i> , pp. 1369-1371			
Apellido, A. A. (Fecha). Título del artículo. Nombre de la revista. Volumen(Número), pp-pp.		Clauson-Kass, N., et al (1965). Preparation of Derivatives of 3-Hydroxypicolinic Acid from Furfural, <i>Acta Chemica Scandinavica</i> , vol. 199, pp. 1147-1152.			
O					
Apellido, A. A. (Fecha). Título del artículo. Nombre de la revista. Recuperado de http://xxxxxxx.					
(2) Categorías 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. “L” Documento citado para llamar la atención sobre por ejemplo, dudas acerca de una reivindicación de prioridad o para determinar la fecha de publicación de otra cita, siempre van acompañados de una explicación, por la cual se citan. “O” Documento del tipo actas de conferencia, este tipo de documentos siempre estará acompañado por otra letra que indique la pertinencia del documento, por ejemplo, O,X, O,Y o bien O,A. “P” Documento publicado antes de la fecha de presentación internacional pero con posterioridad a la fecha de prioridad reivindicada. “T” Documento publicado en fecha posterior a la de presentación o la de prioridad de la solicitud internacional y no entra en conflicto con dicha solicitud, pero puede ser útil para la mejor comprensión del principio o teoría en que se basa la invención, o para demostrar que el razonamiento o los hechos en los que se basa dicha invención son incorrectos. “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.					
Fecha del reporte de búsqueda 19/02/2019					
Examinador Diana Sánchez					

Reference is made to the following document; the numbering will be adhered to in the rest of the procedure.

D1 US 6 521 622 B1 (RICKS MICHAEL J [US] ET AL) 18 February 2003 (2003-02-18)

The following documents have been cited in the international search report; the numbering will be adhered to in the rest of the procedure.

- D2 DATABASE NCBI 26 October 2006 (2006-10-26),
- D3 US 4 506 084 A (KAY, IT ET AL.) 19 March 1985 (1985-03-19)
- D4 GOLDBERG, A.A ET AL.: "254. Synthesis of omega-Aminoalkyl Cyanides", JOURNAL OF THE CHEMICAL SOCIETY., 1 January 1947 (1947-01-01), pages 1369-1371, XP055381359,
- D5 US 4 406 905 A (ZAHNER, H ET AL.) 27 September 1983 (1983-09-27)
- D6 CLAUSON-KAAS, N ET AL.: "Preparation of Derivatives of 3-Hydroxypicolinic Acid from Furfural", ACTA CHEMICA SCANDINAVICA, vol. 19, no. 5, 1965, pages 1147-1152, XP055381380,

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-SUSTITUIDO-5-VINILSILIPIRIMIDIN-4-CARBOXÍLICOS Y ESTERES Y ÁCIDOS 4-AMINO-6-SUSTITUIDO-3-VINILSILIPIRIDIN-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.

R1C1=NC(=N(C(=N1)R3)N(R4)R2)R2

INFORME DE BÚSQUEDA
EXAMEN DE PATENTABILIDAD
NUEVAS CREACIONES

Internal - Current DB: EPODOC - Search Recording ON

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(which may be substituted at one or more positions by a halogen atom or a **cyano** group), an a group (which may be substituted at one or more positions by a halogen atom, an alkyl group, a or a **cyano** group), a cycloalkylcarbonyl group, a haloalkylcarbonyl group, an alkoxyalkylcarbonyl group, a phenoxyalkylcarbonyl group, a phenylalkylcarbonyl group, a haloalkyl group (which is substituted by an alkyl group, a haloalkyl group, a halogen atom, an alkenyl group), a **furancarbonyl** group, a pyridylcarbonyl group, a pyrrolicarbonyl group, a thiophenylcarbonyl group, a phenylalkenylcarbonyl group, a hydroxycarbonylalkenylcarbonyl group, an alkoxyalkenylcarbonyl group, an alkoxyalkoxyalkenylcarbonyl group, a monoalkylaminocarbonyl group, a phenylaminocarbonyl group, a benzylaminocarbonyl group, a haloalkylaminocarbonyl group, a haloalkoxyalkenylcarbonyl group, a benzyloxyalkenylcarbonyl group, an alkenylalkoxyalkenylcarbonyl group, an alkylsulfonyl group, a haloalkylsulfonyl group, a benzylsulfonyl group, an alkoxyalkenyl group, a phenylsulfonyl group which may be substituted by an alkoxyalkenyl group, a haloalkylsulfonyl group, a haloalkyl(thiocarbonyl) group, a benzylhalobenzyloxy group, an alkenyl(thiocarbonyl) group, an alkenyl(thiocarbonyl) group, a **cyano** group, an alkylamino(thiocarbonyl) group, a phenylamino(thiocarbonyl) group, a dialkylaminocarbonyl group, a group of the formula wherein each of R5 and R6 which may be the same atom, an alkyl group or an alkoxyalkenyl group, or R5 and R6 form together with the adjacent group, or R3 and R4 form together with the adjacent nitrogen atom, an azido group, an isothio group, a maleimide group, a succinic acid imide group, a pyrrolidinyl group, a piperidino group, a group of the formula wherein n is 0 or 1, and m is 1 or 2, or a group of the formula wherein n may be the same or different, is a hydrogen atom, an alkyl group, a dialkylamino group, an alkyl group, a phenyl group or a benzyl group, and R9 is a hydrogen atom, an alkyl group, an alkenyl group, an alkyl group, an alkaline earth metal atom or an organic amine cation; or a salt thereof.

[ss 14]

Help F2 F3 F4 F5 F6 F7 F8 F9

History - Internal

Database SS Status Results Query

EPODOC	1	26954	HERBICIDE	
	2	92018971	/PD<20140807	
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	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	

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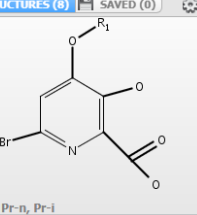
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View: Hit Sort by: Accession Number Displays: 25

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

Renga, James M. • Zhu, Yuanming • Whitaker, Gregory T. • Choy, Nakyeon • 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
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)

Show hit structures

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

Renga, James M. • Zhu, Yuanming • Whitaker, Gregory T. • Choy, Nakyeon
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
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)

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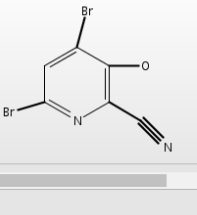
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View: Hit Sort by: Accession Number Displays: 25

1. Patent 2017 Pyranones, pyridinones and tropolones 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
Notes: prepn. of pyranones, pyridinones and tropolones and related compds. as influenza RNA polymerase PA endonuclease inhibitors
Roles: Preparation (PREP),Reactant (RCT),Reactant or Reagent (RACT),Synthetic Preparation (SPN)

Show hit structures

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

Whitaker, 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-picolonitrile
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)

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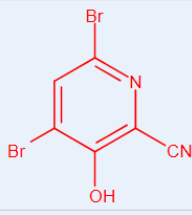
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1. 2-Pyridinecarbonitrile, 4,6-dibromo-3-hydroxy-
C6 H2 Br2 N2 O



7 Reference(s) in Caplus

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refx ((1805988-03-7 OR 1859081-53-0)/m and STR1/SSS,FULL)
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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-OP

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-OP, 4,6-Dibromo-3-hydroxy-2-picolinonitrile

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)

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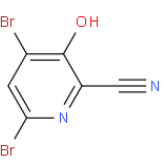
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#	Structure	Details	Publications
1) ☐		4,6-dibromo-3-hydroxypicolinonitrile IUPAC Name: 4,6-dibromo-3-hydroxypyridine-2-carbonitrile Molecular Weight: 277.901 g/mol InChIKey: UREMOXFNMQZKHW-UHFFFAOYSA-N SMILES: BrC1=C(C(=NC(=C1)Br)C#N)O Formula: C ₆ H ₂ Br ₂ N ₂ O 36 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	36

Earliest Publication Date: 20170727

3) 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

4) Family number: 63123189 (US2018273510A)

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HETEROCYCLIC COMPOUND AND PHARMACEUTICAL COMPOSITION COMPRISING SAME

Abstract: Source: US2018273510A The present invention relates to a novel heterocyclic compound inhibiting a cyclin-dependent kinase (CDK) and a pharmaceutical composition comprising the same as an effective ingredient. The heterocyclic compound according to the present invention or pharmaceutically acceptable salt thereof can be effectively used in treating or preventing cancers, degenerative brain diseases, etc.

Probable Assignee: BEYONDBIO INC

Earliest Publication Date: 20160811

5) Family number: 66946754 (WO17156194A1)

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COMPOSITIONS AND METHODS FOR INHIBITING INFLUENZA RNA POLYMERASE PA ENDONUCLEASE

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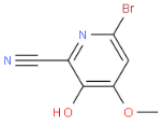
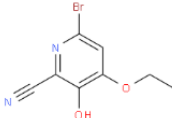
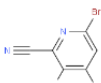
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Depiction style: Normal

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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: C₇H₅BrN₂O₂ 21 patent publications found View in PatBase Stats Analytics  Links: PubChem ChemSpider Wikipedia Save MOL	21
2) 		6-Bromo-4-ethoxy-3-hydroxypicolinonitrile IUPAC Name: 6-bromo-4-ethoxy-3-hydroxypyridine-2-carbonitrile Molecular Weight: 243.057 g/mol InChIKey: RSZAMRRZQHDBC-UHFFFAOYSA-N SMILES: BrC1=CC(=C(C(=N1)C#N)O)OCC Formula: C₈H₇BrN₂O₂ 20 patent publications found View in PatBase Stats Analytics  Links: PubChem ChemSpider Wikipedia Save MOL	20
3) 		sodium 6-bromo-2-cyano-4-methoxypyridin-3-olate IUPAC Name: sodium;6-bromo-2-cyano-4-methoxypyridin-3-olate Molecular Weight: 251.013 g/mol InChIKey: XGGKIQWPUMUBNO-UHFFFAOYSA-M SMILES: BrC1=CC(=C(C(=N1)C#N)[O-])OC.[Na+] Formula: C₇H₄BrN₂NaO₂	14

Search History

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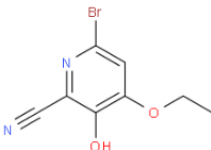
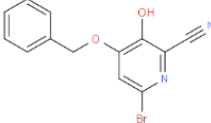
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#	Structure	Details	Publications				
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2) ☐		4-(Benzyloxy)-6-bromo-3-hydroxypicolinonitrile IUPAC Name: 6-bromo-3-hydroxy-4-phenylmethoxypyridine-2-carbonitrile Molecular Weight: 305.127 g/mol InChIKey: DJXRNXHGUJNDLL-UHFFFAOYSA-N SMILES: C(C1=CC=CC=C1)OC1=C(C(=NC(=C1)Br)C#N)O Formula: C ₁₃ H ₉ BrN ₂ O ₂ 1 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	1				



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

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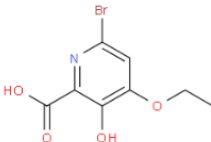
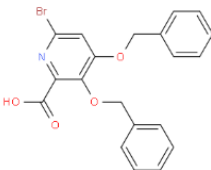
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Number of structures found: 6

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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 ₉ H ₈ BrNO ₄ 20 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	20				
2) ☐		6-bromo-3,4-dibenzyloxy-pyridine-2-carboxylic acid IUPAC Name: 6-bromo-3,4-bis(phenylmethoxy)pyridine-2-carboxylic acid Molecular Weight: 414.249 g/mol InChIKey: YVOXDZNZPHZQDM-UHFFFAOYSA-N SMILES: BrC1=CC(=C(C(=N1)C(=O)O)OCC1=CC=CC=C1)OCC1=CC=CC=C1 Formula: C ₂₀ H ₁₆ BrNO ₄ 2 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	2				
3) ☐		4-benzyloxy-6-bromo-3-methoxy-pyridine-2-carboxylic acid methyl ester	2				

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#	Search query	Results	Options
4	[Chemical Explorer]: Selected structures (6)	2	View Browse Hits Optimise more...
3	[Chemical Explorer]: Selected structures (2)	2	View Browse Hits Optimise more...
2	[Chemical Explorer]: Selected structures (5)	2	View Browse Hits Optimise more...
1	[Chemical Explorer]: Selected structures (1)	5	View Browse Hits Optimise more...

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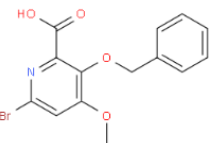
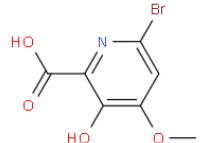
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Number of structures found: 13

#	Structure	Details	Publications
1)		3-benzyloxy-6-bromo-4-methoxypicolinic acid IUPAC Name: 6-bromo-4-methoxy-3-phenylmethoxypyridine-2-carboxylic acid Molecular Weight: 338.153 g/mol InChIKey: UUPAQMDUURGBO-UHFFFAOYSA-N SMILES: BrC1=CC(=C(C(=N1)C(=O)O)OCC1=CC=CC=C1)OC Formula: C ₁₄ H ₁₂ BrNO ₄ 40 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	40
2)		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 25 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	25
3)		6-bromo-4-methoxy-3-hydroxypicolinic acid	20

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5	[Chemical Explorer]: Selected structures (2)	2	View Browse Hits Optimise more...
4	[Chemical Explorer]: Selected structures (6)	2	View Browse Hits Optimise more...
3	[Chemical Explorer]: Selected structures (2)	2	View Browse Hits Optimise more...
2	[Chemical Explorer]: Selected structures (5)	2	View Browse Hits Optimise more...
1	[Chemical Explorer]: Selected structures (1)	5	View Browse Hits Optimise more...

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Number of structures found: 17

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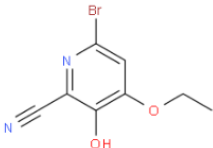
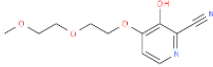
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Export by patent family (Beta)

Depiction style: Normal

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#	Structure	Details	Publications
1) ☐		6-Bromo-4-ethoxy-3-hydroxypyridine-2-carbonitrile 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 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	20
2) ☐		4-(3,6-Dioxaheptyloxy)-3-hydroxy-2-pyridinecarbonitrile IUPAC Name: 3-hydroxy-4-[2-(2-methoxyethoxy)ethoxy]pyridine-2-carbonitrile Molecular Weight: 238.240 g/mol InChIKey: STLIHLFBVGBXJC-UHFFFAOYSA-N SMILES: C(COCCOC)OC1=C(C(=NC=C1)C#N)O Formula: C ₁₁ H ₁₄ N ₂ O ₄ 5 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	5
3) ☐		4-(3,6-Dioxaheptyloxy)-3-(benzyloxy)pyridine-2-carbonitrile	5



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5	[Chemical Explorer]: Selected structures (2)	2	View Browse Hits Optimise more...
4	[Chemical Explorer]: Selected structures (6)	2	View Browse Hits Optimise more...
3	[Chemical Explorer]: Selected structures (2)	2	View Browse Hits Optimise more...
2	[Chemical Explorer]: Selected structures (5)	2	View Browse Hits Optimise more...
1	[Chemical Explorer]: Selected structures (1)	5	View Browse Hits Optimise more...

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