

Doctor

José Luis Salazar

Jefe de División de Nuevas Creaciones

SUPERINTENDENCIA DE INDUSTRIA Y

E. _____ S. _____ D. _____

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 06-107328-00008-0000

Fecha: 2011-02-07 16:43:39 Dep. 2020 DIR.NUEVASCR
Tra. 11 PATENTEIYII Eje: 378 FASENACIONALI
Act. 444 RESPUESTAREQUE Folios: 9

Referencia: Expediente No. 06.107.328

Solicitud de Patente de Invención titulada: "Heterociclos que contienen nitrógeno monocíclico con enlace de amida, como inhibidores de quinasa".

Solicitante: Bristol-Myers Squibb Company.

RESPUESTA AL AUTO NOTIFICADO POR FIJACIÓN EN LISTA NO. 397**DEL 26 DE NOVIEMBRE DE 2010, OFICIO NO. 15378 (SOLICITUD DE SUMINISTRO DE INFORMACIÓN-ARTÍCULO 46)**

ÁLVARO CORREA ORDÓÑEZ, mayor de edad y vecino de Bogotá D.C., identificado tal como aparece al pie de mi firma, en mi carácter de apoderado de la sociedad en referencia, doy respuesta al auto emanado por ese Despacho dentro del término legal de la siguiente manera:

Adjunto al presente memorial copia de los siguientes documentos existentes dentro del estado de la técnica de la presente solicitud, de acuerdo a lo requerido por ese Despacho:

1. DATABASE CROSSFIRE BEILSTEIN
BEILSTEIN INSTITUT ZUR FOERDERUNG DER
CHEMISCHEN WISSENSCHAFT, FRANKFURT AM
MAIN, DE;
XP002362294
Database accession no. BRN 667921
abstract
2. DATABASE CROSSFIRE BEILSTEIN
BEILSTEIN INSTITUT ZUR FOERDERUNG DER

CHEMISCHEN WISSENSCHAFT, FRANKFURT AM
MAIN, DE;
XP002362295
Database accession no. BRN 413351
abstract

3. DATABASE CROSSFIRE BEILSTEIN
BEILSTEIN INSTITUT ZUR FOERDERUNG DER
CHEMISCHEN WISSENSCHAFT, FRANKFURT AM
MAIN, DE ;
XP002362296
Database accession no. BRN 450834
abstract

4. DATABASE CROSSFIRE BEILSTEIN
BEILSTEIN INSTITUT ZUR FOERDERUNG DER
CHEMISCHEN WISSENSCHAFT, FRANKFURT AM
MAIN, DE;
XP002362297
Database accession no, BRN 448780
abstract

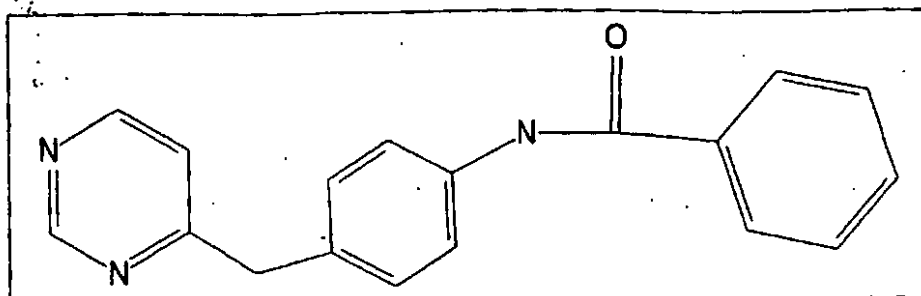
Atentamente,


ÁLVARO CORREA ORDÓÑEZ
C.C.No.79.143.366 de Usaquén
T.P.20.281

Anexos: Documentos mencionados en el memorial (4 documentos).

CHP/BOGDMS 580720-V1-P2006_107328-0320.DOC

AL



Substance Identification

Beilstein Registry Number 667921
 Beilstein Preferred RN 73295-47-3 XP-002362294
 CAS Registry Number 73295-47-3
 Chemical Name N-(4-pyrimidin-4-ylmethyl-phenyl)-benzamide
 Autname N-(4-pyrimidin-4-ylmethyl-phenyl)-benzamide
 Molecular Formula C₁₈H₁₅N₃O
 Molecular Weight 289.34
 Lawson Number 29590, 10581
 Type of Substance heterocyclic
 Constitution ID 611409
 Tautomer ID 665549
 Beilstein Reference 5-25
 Entry Date 1988/11/28
 Update Date 1992/05/13

Field Availability List 1-3 of 3

Code	Field Name	Occ.
<u>RX</u>	Reaction	2
<u>MP</u>	Melting Point	1
<u>CNR</u>	Reference	1

Reaction 1 of 2

Reaction ID 5773247
 Reactant BRN 667921 N-(4-pyrimidin-4-ylmethyl-phenyl)-benzamide
 No. of Reaction Details 1
 Reaction Entry Date 1988/06/27
 Reaction Update Date 1988/06/27
 Reaction Classification Chemical behaviour (half reaction)
 Subject Studied Product distribution
 Entry Date 1988/06/27

Ref. 1 2562099; 1988/06/27; Journal; Abramovitch et al.; JCCCAT; J. Chem. Soc. Chem. Commun.; 1979; 956.

Reaction 2 of 2

Reaction ID 5984586
 Product BRN 667921 N-(4-pyrimidin-4-ylmethyl-phenyl)-benzamide

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4

No. of Reaction Details	1
Reaction Entry Date	1988/06/27
Reaction Update Date	1988/06/27
Reaction Classification	Preparation (half reaction)
Entry Date	1988/06/27

Ref. 1 2562099; 1988/06/27; Journal; Abramovitch et al.; JCCCAT; J. Chem. Soc. Chem. Commun.; 1979; 956.

Melting Point

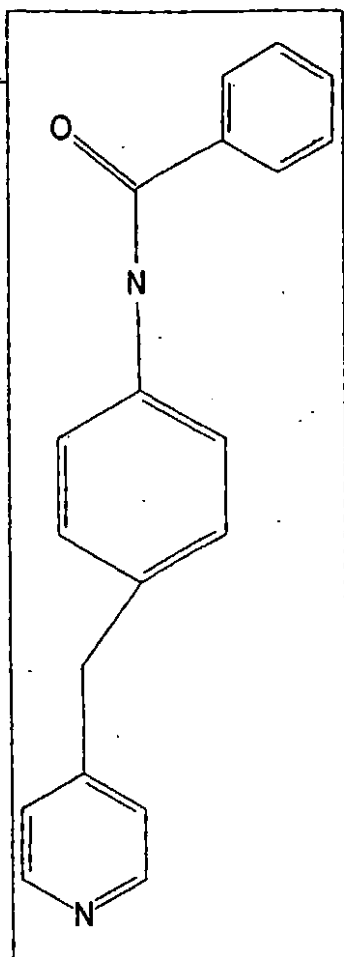
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142 - 143.5		1988/06/27		1

Ref. 1 2562099; 1988/06/27; Journal; Abramovitch et al.; JCCCAT; J. Chem. Soc. Chem. Commun.; 1979; 956.

Reference

2562099; 1988/06/27; Journal; Abramovitch et al.; JCCCAT; J. Chem. Soc. Chem. Commun.; 1979; 956.

AM



XP-002362295

Substance Identification

Beilstein Registry Number	413351
Beilstein Preferred RN	73295-33-7
CAS Registry Number	73295-33-7
Chemical Name	<i>N</i> -(4-pyridin-4-ylmethyl-phenyl)-benzamide
Autoname	<i>N</i> -(4-pyridin-4-ylmethyl-phenyl)-benzamide
Molecular Formula	C ₁₉ H ₁₆ N ₂ O
Molecular Weight	288.35
Lawson Number	27455, 10581
Type of Substance	heterocyclic
Constitution ID	395332
Tautomer ID	466596
Beilstein Reference	5-22-10-00467, 6-22
Entry Date	1988/11/28
Update Date	1994/01/24

Field Availability List 1-4 of 4

Code	Field Name	Occ.
<u>RX</u>	Reaction	2
<u>MP</u>	Melting Point	1
<u>NMR</u>	NMR Spectroscopy	3

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CNR	Reference	2
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Reaction 1 of 2

Reaction ID	<u>1535243</u>
Reactant BRN	<u>511861</u> N-phenyl-benzimidoyl chloride
	<u>106329</u> 4-methyl-pyridine-1-oxide
Product BRN	<u>413351</u> N-(4-pyridin-4-ylmethyl-phenyl)-benzamide
	<u>409960</u> N-phenyl-N-pyridin-4-ylmethyl-benzamide
No. of Reaction Details	2
Reaction Entry Date	1988/06/27
Reaction Update Date	1988/06/27
Reaction Classification	Chemical behaviour
Reagent	base
Other Conditions	Ambient temperature
Subject Studied	Mechanism
Entry Date	1988/06/27

Ref. 1	<u>5791844</u> ; 1988/06/27; Journal; Abramovitch, Rudolph A.; Abramovitch, Dorota A.; Tomasik, Piotr; JCCCAT; J. Chem. Soc. Chem. Commun.; EN; 11; 1981; 561-562.
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Reaction 2 of 2

Reaction ID	<u>5618750</u>
Product BRN	<u>413351</u> N-(4-pyridin-4-ylmethyl-phenyl)-benzamide
No. of Reaction Details	1
Reaction Entry Date	1988/06/27
Reaction Update Date	1988/06/27
Reaction Classification	Preparation (half reaction)
Entry Date	1988/06/27

Ref. 1	<u>2562099</u> ; 1988/06/27; Journal; Abramovitch et al.; JCCCAT; J. Chem. Soc. Chem. Commun.; 1979; 956.
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Melting Point

VALUE (MP) C	Solvent (.SOL)	Entry Date	Note	Ref.
135 - 136		1988/06/27		1

Ref. 1	<u>2562099</u> ; 1988/06/27; Journal; Abramovitch et al.; JCCCAT; J. Chem. Soc. Chem. Commun.; 1979; 956.
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NMR Spectroscopy 1 of 3

Description	Chemical shifts
Nucleus	¹ H
Entry Date	1988/06/27

Ref. 1	<u>5791844</u> ; 1988/06/27; Journal; Abramovitch, Rudolph A.; Abramovitch, Dorota A.; Tomasik, Piotr; JCCCAT; J. Chem. Soc. Chem. Commun.; EN; 11; 1981; 561-562.
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NMR Spectroscopy 2 of 3

Description	CIDNP
Entry Date	1988/06/27

Ref. 1 5791844; 1988/06/27; Journal; Abramovitch, Rudolph A.; Abramovitch, Dorota A.; Tomasik, Piotr; JCCCAT; J. Chem. Soc. Chem. Commun.; EN; 11; 1981; 561-562.

NMR Spectroscopy 3 of 3

Description	NMR
Entry Date	1988/06/27

Ref. 1 2562099; 1988/06/27; Journal; Abramovitch et al.; JCCCAT; J. Chem. Soc. Chem. Commun.; 1979; 956.

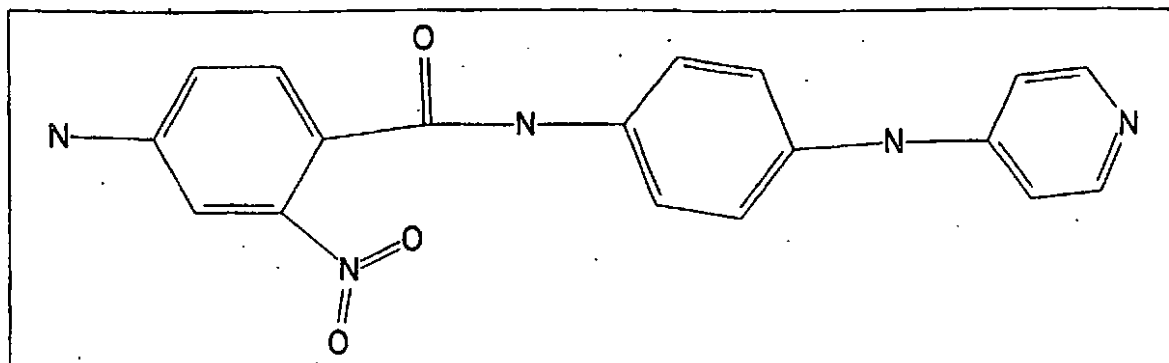
Reference 1 of 2

2562099; 1988/06/27; Journal; Abramovitch et al.; JCCCAT; J. Chem. Soc. Chem. Commun.; 1979; 956.

Reference 2 of 2

5791844; 1988/06/27; Journal; Abramovitch, Rudolph A.; Abramovitch, Dorota A.; Tomasik, Piotr; JCCCAT; J. Chem. Soc. Chem. Commun.; EN; 11; 1981; 561-562.

AN



XP-002362296

Substance Identification

Beilstein Registry Number 450834
 Beilstein Preferred RN 53290-19-0
 CAS Registry Number 53290-19-0
 Chemical Name 4-amino-2-nitro-*N*-(4-pyridin-4-ylamino-phenyl)-benzamide
 Autname 4-amino-2-nitro-*N*-[4-(pyridin-4-ylamino)-phenyl]-benzamide
 Molecular Formula C₁₈H₁₅N₅O₃
 Molecular Weight 349.35
 Lawson Number 27378, 16039, 14508
 Type of Substance heterocyclic
 Constitution ID 435659
 Tautomer ID 472990
 Beilstein Reference 5-22-09-00156
 Entry Date 1988/11/28
 Update Date 1992/05/13

Field Availability List 1-2 of 2

Code	Field Name	Occ.
<u>MP</u>	Melting Point	1
<u>CNR</u>	Reference	1

Melting Point

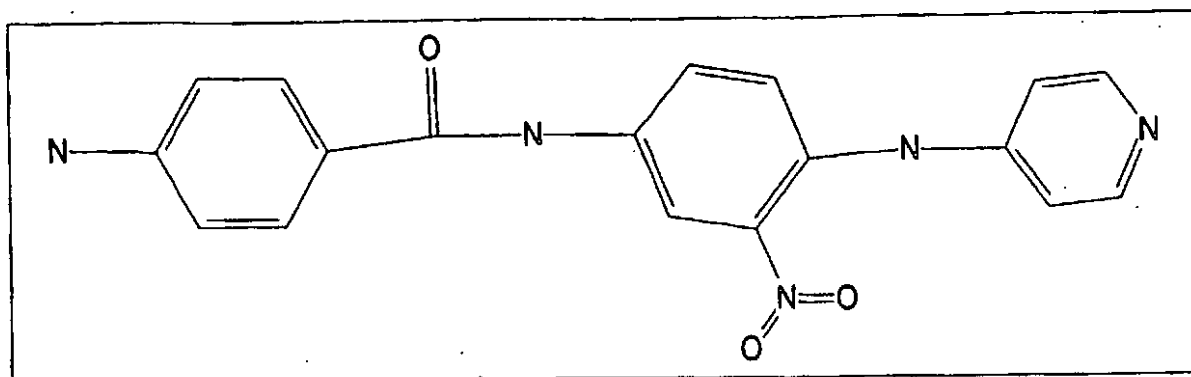
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259 - 260		1988/06/27		1

Ref. 1

2570638; 1988/06/27; Journal; Atwell; Cain; JMCMAR; J. Med. Chem.; 17; 1974; 930,932.

Reference

2570638; 1988/06/27; Journal; Atwell; Cain; JMCMAR; J. Med. Chem.; 17; 1974; 930,932.



XP-002362297

Substance Identification

Beilstein Registry Number	448780
Beilstein Preferred RN	53290-21-4
CAS Registry Number	53290-21-4
Chemical Name	4-amino-N-(3-nitro-4-pyridin-4-ylamino-phenyl)-benzamide
Autoname	4-amino-N-[3-nitro-4-(pyridin-4-ylamino)-phenyl]-benzamide
Molecular Formula	C ₁₈ H ₁₅ N ₅ O ₃
Molecular Weight	349.35
Lawson Number	27378, 16038, 14509
Type of Substance	heterocyclic
Constitution ID	431931
Tautomer ID	471541
Beilstein Reference	5-22-09-00156
Entry Date	1988/11/28
Update Date	1992/05/13

Field Availability List 1-2 of 2

Code	Field Name	Occ.
<u>MP</u>	Melting Point	1
<u>CNR</u>	Reference	1

Melting Point

VALUE (MP)	Solvent (.SOL)	Entry Date	Note	Ref.
C				
244 - 245		1988/06/27		1

Ref. 1 2570638; 1988/06/27; Journal; Atwell; Cain; JMCMAR; J. Med. Chem.; 17; 1974; 930,932.

Reference

2570638; 1988/06/27; Journal; Atwell; Cain; JMCMAR; J. Med. Chem.; 17; 1974; 930,932.