

INFORME DE BÚSQUEDA DE PATENTES				
N° de solicitud: NC20180013351				
CRITERIOS PARA LA BÚSQUEDA (anexar pantallazo o reporte en PDF, junto con los boléanos utilizados**)				
Palabras clave utilizadas		4,6 disubstituted heterocyclyl heteroaryl diamino quinoline 3 carbonitrile 4,6 disubstituted heterocyclyl heteroaryl diamino quinoline 3 carbonitrile as modulators "Tpl2" or "COT"		
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA		CIP: C07D 401/14, C07D 405/14, C07D 403/14, C07D 401/12, C07D 409/14, C07D 417/14, C07D 471/14, C07D 495/04, A61K 31/4709, A61P 29/00.		
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)	Categoría especiales de los documentos citados**
SIPI	07046897	10/05/2007	---	A
ISA/IPEA (EPO)	Artículo*	07/05/2009	---	A
	Artículo**	04/07/2007	---	A
	Artículo***	19/03/2011	---	A
	Artículo****	23/08/2007	---	A
Patbase** ISA/IPEA	WO98/43960	08/10/1998	---	A
Orbit	WO02092571	21/11/2002	---	A
	WO2004099205	18/11/2004	---	A
	WO2004099204	18/11/2004	---	A
STN	---		---	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.		
Literatura no patente *Se incluye entre otros, toda la referencia de la literatura no patente.		*Selective inhibitors of tumor progression loci-2 (Tpl2) kinase with potent inhibition of TNF-a production in human whole blood Junjun Wu*, Neal Green a, Rajeev Hotchandani a, Yonghan Hua, Jeffrey Condon a, Adrian Huang a, Neelu Kaila a, Huan-Qiu Li a, Satenig Guler a, Wei Li a, Steve Y. Tam a, Qin Wang b,c, Jeffrey Pelker d, Suzana Marusic d, Sang Hsu d, J. Perry Hall d, Jean-Baptiste Telliez d, Junqing Cui d, Lih-Ling Lin d Bioorganic & Medicinal Chemistry Letters 19 (2009) 3485-3488 https://www.sciencedirect.com/science/article/pii/S0960894X09006842?via%3Dihub **Identification of a novel class of selective Tpl2 kinase inhibitors: 4-Alkylamino-[1,7]naphthyridine-3-carbonitriles. Neelu Kaila,a,* Neal Green,a Huan-Qiu Li,a Yonghan Hu,a Kristin Janz,a Lori Krim Gavrin,a Jennifer Thomason,a Steve Tam,a Dennis Powell,d John Cuozzo,e J. Perry Hall,b Jean-Baptiste Telliez,b Sang Hsu,b Cheryl Nickerson-Nutter,b Qin Wangc and Lih-Ling Linb Bioorganic & Medicinal Chemistry 15 (2007) 6425-6442		

	https://www.sciencedirect.com/science/article/pii/S0968089607005901 ***Models for anti-inflammatory activity of 8-substituted-4-anilino-6-aminoquinoline-3 carbonitriles Rakesh K. Goyal • Harish Dureja • G. Singh • A. K. Madan Med Chem Res (2012) 21:1044–1055 https://link.springer.com/article/10.1007/s00044-011-9613-5 ****Inhibitors of Tumor Progression Loci-2 (Tpl2) Kinase and Tumor Necrosis Factor α (TNF-α) Production: Selectivity and in Vivo Antiinflammatory Activity of Novel 8-Substituted-4-anilino-6-aminoquinoline-3-carbonitriles Neal Green*†, Yonghan Hu†, Kristin Janz†, Huan-Qiu Li†, Neelu Kaila†, Satenig Guler†, Jennifer Thomason†, Diane Joseph-McCarthy†, Steve Y. Tam†, Rajeev Hotchandani†, Junjun Wu†, Adrian Huang†, Qin Wang†, Louis Leung†, Jefferey Pelker\$, Suzana Marusic\$, Sang Hsu\$, Jean-Baptiste Telliez\$, J. Perry Hall\$, John W. Cuzzo\$#, and Lih-Ling Lin\$ <i>J. Med. Chem.</i>, 2007, 50 (19), pp 4728–4745 https://pubs.acs.org/doi/abs/10.1021/jm070436q
Fecha del reporte de búsqueda:	Diciembre 4, 6 de 2018

PATBASE

Menu ▾ Search ▾ History ▾ Session ▾ Folder ▾ Order ▾ Help ▾ Logoff			
Search History			
#	Search query	Results	Options
8	[SP]: 4, 6 disubstituted heterocyclyl heteroaryl diamino quinoline 3 carbonitrile as modulators thyroid cancer Osaka	18	View Browse Hits Optimise more...
7	[SP]: compounds disubstituted heterocyclyl heteroaryl diamino quinoline 3 carbonitrile as modulators tumor progression locus	0	
6	[SP]: 4, 6 disubstituted heterocyclyl heteroaryl diamino quinoline 3 carbonitrile as modulators tumor progression locus or thyroid cancer Osaka	0	
5	[SP]: 4, 6 disubstituted heterocyclyl heteroaryl diamino quinoline 3 carbonitrile as modulators "Tpl2" or "COT"	500	View Browse Hits Optimise more...
4	[SP]: 4, 6 disubstituted heterocyclyl heteroaryl diamino quinoline 3 carbonitrile as modulators "Tpl2" or "COT"	-1	
3	[SP]: 4, 6 disubstituted heterocyclyl heteroaryl diamino quinoline 3 carbonitrile as modulators "Tpl2" or "COT"	-1	
2	[SP]: 4, 6 disubstituted and heterocyclyl or heteroaryl and diamino and quinoline 3 carbonitrile	500	View Browse Hits Optimise more...
1	TAC=(4, 6disubstituted and heterocyclyl and heteroaryl and diamino and quinoline 3 carbonitrile) and PRD<201512	0	

ORBIT

Menu ▾ Explorer ▾ Create a script ▾ Export ▾				
Patent family searches (famPat)				
Search Step	Results	Query	Assistant	Source
14	3	SUBSTITUTED QUINOLINE CARBONITRILE /TIABRWCLMS/DESC/ODES/OBJ	Search history	FAMPAT
13	0	SUBSTITUTED QUINOLINE CARBONITRILE TUMOR PROGRESSION	Search history	FAMPAT
12	0	LOCUS/TIABRWCLMS/DESC/ODES/OBJ	Search history	FAMPAT
11	0	DISUBSTITUTED AND QUINOLINE AND CARBONITRILE AS MODULATORS TUMOR PROGRESSION	Search history	FAMPAT
10	0	LOCUS/TIABRWCLMS/DESC/ODES/OBJ	Search history	FAMPAT
9	0	DISUBSTITUTED QUINOLINE AND CARBONITRILE AS MODULATORS	Search history	FAMPAT
8	0	(DISUBSTITUTED DIAMINO AND QUINOLINE AND 3 CARBONITRILE AS MODULATORS	Search history	FAMPAT
7	0	(DISUBSTITUTED DIAMINO AND QUINOLINE AND 3 CARBONITRILE AS MODULATORS	Search history	FAMPAT
6	0	(DISUBSTITUTED AND HETEROCYCLYL AND HETEROARYL AND DIAMINO AND QUINOLINE AND 3	Search history	FAMPAT
5	9713	3 AND 4	Search history	FAMPAT
4	50698982	PD<20151218	Search history	FAMPAT
3	11075	SIMILARITY REFIN 55 2 RANKED 1-200	Search similar patents	FAMPAT
2	52859	4,6 disubstituted heterocyclyl	Semantic search	FAMPAT
1	0	(DISUBSTITUTED AND HETEROCYCLYL AND HETEROARYL AND DIAMINO AND QUINOLINE AND 3	Advanced search	FAMPAT

The screenshot displays the STN database interface. At the top, there's a navigation bar with 'STN Projects' and 'Working On - Unfiled10'. Below this, a search bar is visible. The main area shows a list of queries, with 'STR1' selected. To the right, there are two detailed views of chemical structures. The first structure is labeled '1. 3-Quinoxalinecarboxamide, 4-amino-8-chloro-6-[[[(S)-1-(1-(1,1-dimethylethyl)-4-piperidinyl)-1H-1,2,3-triazol-4-yl]phenylmethyl]amino]-' and the second is labeled '2. 3-Quinoxalinecarboxamide, 4-amino-8-chloro-6-[[[(S)-1-(1-cyclopropyl)-1H-1,2,3-triazol-4-yl](4-fluorophenyl)methyl]amino]-'. Both structures are shown with their absolute stereochemistry.

stnsw62

Project Created: 06-Dec-2018 02:33 PM EST

Last Updated: 06-Dec-2018 03:05 PM EST

Report Created: 06-Dec-2018 03:07 PM EST

STN Search Queries

- L1** Initial Search: 06-Dec-2018 02:48 PM EST Last Search: 06-Dec-2018 02:48 PM EST
STR1/SSS,FULL
Referenced Structures
STR1
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off; Diacritics=off; Hyphen=off; Cross File=off
 CAlus: - REGISTRY: 2 MARPAT: 8
- L2** Initial Search: 06-Dec-2018 02:59 PM EST Last Search: 06-Dec-2018 03:04 PM EST
 refx ((2064096-74-6 OR 2064098-95-7)/m and **STR1/SSS,FULL**)
Referenced Structures
STR1
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off; Diacritics=off; Hyphen=off; Cross File=off
 CAlus: 1 REGISTRY: -
- L3** Initial Search: 06-Dec-2018 03:00 PM EST Last Search: 06-Dec-2018 03:00 PM EST
STR2/SSS,FULL
Referenced Structures
STR2
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off; Diacritics=off; Hyphen=off; Cross File=off
 CAlus: - REGISTRY: 2 MARPAT: 8
- L4** Initial Search: 06-Dec-2018 03:03 PM EST Last Search: 06-Dec-2018 03:03 PM EST
 refx (**L3** AND (2017:81455-1-1 OR 2017:81045-1-1)/AN.M)
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off; Diacritics=off; Hyphen=off; Cross File=off
 CAlus: 2 MARPAT: -
- L5** Initial Search: 06-Dec-2018 03:05 PM EST Last Search: 06-Dec-2018 03:05 PM EST
 subx 2017:81045/an
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off; Diacritics=off; Hyphen=off; Cross File=off
 CAlus: - REGISTRY: 1995