

INFORME DE BÚSQUEDA DE PATENTES

N° de solicitud: **16158632** Prioridad: **(18/Diciembre/2013)**

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	1. "NRF2 regulators" "dihydrobenzo[f][1,2]thiazepin"
	2. "NRF2 regulators" "benzo[d][1,2,3]triazol"
	3. "NRF2 regulators" "phenylpropanoic acid derivatives"
	4. "NRF2 regulators" "benzo[b][1,4,5]oxathiazepin"
	5. "NRF2 regulators" "dihydropyrido[2,3-f][1,2,5]thiadiazepin"
	6. "NRF2 regulators" "pyrido[2,3-b][1,4,5]oxathiazepin"
	7. "NRF2 regulators" "dihydrobenzo[b][1,4]dioxine"
	8. "NRF2 regulators" "pyrido[3,4-b][1,4,5]oxathiazepin"
	9. "NRF2 regulators" "oxidative stress" "benzo[b][1,4,5]oxathiazepin"
	10. "Cap-n-collar (CNC)" "benzo[b][1,4,5]oxathiazepin"
	11. "respiratory diseases" "benzo[b][1,4,5]oxathiazepin"
	12. "oxidative stress" "pyrido[2,3-b][1,4,5]oxathiazepin"
	13. "Kelch-like ECH associating protein 1" "pyrido[2,3-b][1,4,5]oxathiazepin"
	14. "cytosolic actin-bound repressor" "pyrido[2,3-b][1,4,5]oxathiazepin"
	15. "cytosolic actin-bound repressor" "dihydropyrido[2,3-f][1,2,5]thiadiazepin"
	16. "basic leucine zipper (bZIP)" "dihydropyrido[2,3-f][1,2,5]thiadiazepin"
	17. "Nuclear factor (erythroid-derived 2)-like 2" "pyrido[2,3-b][1,4,5]oxathiazepin"
	18. "Nuclear factor (erythroid-derived 2)-like 2" "benzo[b][1,4,5]oxathiazepin"
	19. "cardiovascular diseases" "NRF2 regulators"
	20. "Cul3-based E3-ubiquitin ligase complex" "pyrido[2,3-b][1,4,5]oxathiazepin".
	21. "Ubiquitylation proteasomal degradation" "phenylpropanoic acid derivatives"
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA	CIP: C07D 417/10.
	CPC (Opcional):

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***
WO	WO2013067036	10/Mayo/2013		A
	WO2013122028	22/Agosto/2013		A

"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.
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**** 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.	
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Fecha del reporte de búsqueda:	04/05/2018
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16158632 NRF2 Regulators

stnsw20

Project Created: 04-May-2018 07:16 AM EDT

Last Updated: 04-May-2018 07:51 AM EDT

Report Created: 04-May-2018 07:52 AM EDT

STN Search Queries

- L1** **Initial Search:** 04-May-2018 07:17 AM EDT **Last Search:** 04-May-2018 07:17 AM EDT
Nrf2 regulators
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 10 REGISTRY: - INPADOC: 6
PCTFULL: 8 USFULL: 4
- L2** **Initial Search:** 04-May-2018 07:22 AM EDT **Last Search:** 04-May-2018 07:22 AM EDT
oxathiazepin
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 7 REGISTRY: - INPADOC: 0
PCTFULL: 10 USFULL: 11
- L3** **Initial Search:** 04-May-2018 07:28 AM EDT **Last Search:** 04-May-2018 07:29 AM EDT
phenylpropanoic acid derivatives
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 36 REGISTRY: - INPADOC: 5
PCTFULL: 16 USFULL: 23
- L4** **Initial Search:** 04-May-2018 07:29 AM EDT **Last Search:** 04-May-2018 07:29 AM EDT
L1 AND L3
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 0 REGISTRY: - INPADOC: 0
PCTFULL: 0 USFULL: 0
- L5** **Initial Search:** 04-May-2018 07:30 AM EDT **Last Search:** 04-May-2018 07:30 AM EDT
thiazepin
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 421 REGISTRY: - INPADOC: 89
PCTFULL: 355 USFULL: 645

- L6** **Initial Search:** 04-May-2018 07:30 AM EDT **Last Search:** 04-May-2018 07:30 AM EDT
L5 AND L1
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 1 REGISTRY: - INPADOC: 0
PCTFULL: 2 USFULL: 1
- L7** **Initial Search:** 04-May-2018 07:31 AM EDT **Last Search:** 04-May-2018 07:31 AM EDT
triazol
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 16620 REGISTRY: - INPADOC: 4117
PCTFULL: 21290 USFULL: 27008
- L8** **Initial Search:** 04-May-2018 07:31 AM EDT **Last Search:** 04-May-2018 07:31 AM EDT
L1 AND L7
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 3 REGISTRY: - INPADOC: 1
PCTFULL: 6 USFULL: 1
- L9** **Initial Search:** 04-May-2018 07:33 AM EDT **Last Search:** 04-May-2018 07:33 AM EDT
thiadiazepin
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 30 REGISTRY: - INPADOC: 6
PCTFULL: 27 USFULL: 52
- L10** **Initial Search:** 04-May-2018 07:33 AM EDT **Last Search:** 04-May-2018 07:33 AM EDT
L9 AND L1
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 1 REGISTRY: - INPADOC: 0
PCTFULL: 2 USFULL: 1
- L11** **Initial Search:** 04-May-2018 07:34 AM EDT **Last Search:** 04-May-2018 07:34 AM EDT
dioxine-6-sulfonamido
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 0 REGISTRY: - INPADOC: 0
PCTFULL: 8 USFULL: 23
- L12** **Initial Search:** 04-May-2018 07:35 AM EDT **Last Search:** 04-May-2018 07:35 AM EDT
L11 AND L1
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 0 REGISTRY: - INPADOC: 0
PCTFULL: 1 USFULL: 1
- L13** **Initial Search:** 04-May-2018 07:35 AM EDT **Last Search:** 04-May-2018 07:35 AM EDT
oxidative stress response AND NRF2
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 253 REGISTRY: - INPADOC: 1
PCTFULL: 64 USFULL: 130
- L14** **Initial Search:** 04-May-2018 07:36 AM EDT **Last Search:** 04-May-2018 07:36 AM EDT
L13 AND L2
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off

CAplus: 0 REGISTRY: - INPADOC: 0
PCTFULL: 0 USFULL: 0

L15 Initial Search: 04-May-2018 07:36 AM EDT **Last Search:** 04-May-2018 07:36 AM EDT
NRF2 MODULATORS
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 6 REGISTRY: - INPADOC: 0
PCTFULL: 11 USFULL: 9

L16 Initial Search: 04-May-2018 07:41 AM EDT **Last Search:** 04-May-2018 07:41 AM EDT
NFE2L2
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 608 REGISTRY: - INPADOC: 10
PCTFULL: 327 USFULL: 507

L17 Initial Search: 04-May-2018 07:42 AM EDT **Last Search:** 04-May-2018 07:42 AM EDT
L2 AND L16
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 0 REGISTRY: - INPADOC: 0
PCTFULL: 0 USFULL: 0

L18 Initial Search: 04-May-2018 07:42 AM EDT **Last Search:** 04-May-2018 07:42 AM EDT
Nuclear factor erythroid-derived 2 like 2
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 539 REGISTRY: - INPADOC: 6
PCTFULL: 152 USFULL: 248

L19 Initial Search: 04-May-2018 07:45 AM EDT **Last Search:** 04-May-2018 07:45 AM EDT
basic leucine zipper bZIP
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 377 REGISTRY: - INPADOC: 1
PCTFULL: 112 USFULL: 200

L20 Initial Search: 04-May-2018 07:46 AM EDT **Last Search:** 04-May-2018 07:46 AM EDT
L18 AND L2
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 0 REGISTRY: - INPADOC: 0
PCTFULL: 0 USFULL: 0

L21 Initial Search: 04-May-2018 07:46 AM EDT **Last Search:** 04-May-2018 07:46 AM EDT
L19 AND L2
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 0 REGISTRY: - INPADOC: 0
PCTFULL: 0 USFULL: 0

L22 Initial Search: 04-May-2018 07:47 AM EDT **Last Search:** 04-May-2018 07:47 AM EDT
L18 AND L9
User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off
CAplus: 0 REGISTRY: - INPADOC: 0
PCTFULL: 0 USFULL: 0

L23 Initial Search: 04-May-2018 07:47 AM EDT **Last Search:** 04-May-2018 07:47 AM EDT
L18 AND L7

User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off

CAplus: 0 REGISTRY: - INPADOC: 0

PCTFULL: 7 USFULL: 9

L24 Initial Search: 04-May-2018 07:50 AM EDT **Last Search:** 04-May-2018 07:50 AM EDT

L3 AND L18

User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off

CAplus: 0 REGISTRY: - INPADOC: 0

PCTFULL: 0 USFULL: 0

L25 Initial Search: 04-May-2018 07:50 AM EDT **Last Search:** 04-May-2018 07:50 AM EDT

L5 AND L18

User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off

CAplus: 0 REGISTRY: - INPADOC: 0

PCTFULL: 0 USFULL: 0

L26 Initial Search: 04-May-2018 07:51 AM EDT **Last Search:** 04-May-2018 07:51 AM EDT

L19 AND L2

User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off

CAplus: 0 REGISTRY: - INPADOC: 0

PCTFULL: 0 USFULL: 0

L27 Initial Search: 04-May-2018 07:51 AM EDT **Last Search:** 04-May-2018 07:51 AM EDT

L19 AND L9

User Settings: Abbreviations=off; Plurals=off; Spelling=off; Apostrophe=off; Chemical Names=off;
Diacritics=off; Hyphen=off; Cross File=off

CAplus: 0 REGISTRY: - INPADOC: 0

PCTFULL: 0 USFULL: 0

EPODOC	SS Status	Results	Query
1		454	NRF2
2		133	THIAZEPIN
3		0	1 AND 2
4		4.916	COPD
5		8	1 AND 4
6		7.640	CNC
7		48	KEAP1
8		0	6 AND 7
9		0	8 AND 1
10		0	8 AND 4
11		0	6 AND 2
12		691	DIAZEPIN
13		0	12 AND 1
14		0	OXIDATIVE STRESS
15		38.016	OXIDATIVE
16		370.943	STRESS
17		4.342	15 AND 16
18		77	17 AND 1
19		0	1 AND 12
20		77	18 AND 1
21		0	20 AND 2
22		0	20 AND 12
23		0	20 AND UBIQUITYLATION
24		1	20 AND PROTEASOMAL



Username: sic8@patbase.com
Subaccount: none

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#	Search query	Results	Options
13	1 AND COPD	28	View Browse Hits Optimise more...
12	9 AND thiazepin	0	
11	9 AND phenylpropanoic acid	0	
10	oxathiazepin AND 9	0	
9	NFE2L2	60	View Browse Hits Optimise more...
8	STAC=(Nuclear factor erythroid-derived 2-like 2)	0	
7	6 AND 5	0	
6	oxidative stress AND 1	96	View Browse Hits Optimise more...
5	1 AND thiazepin	2	View Browse Hits Optimise more...
4	1 AND thiazepin	2	View Browse Hits Optimise more...
3	1 AND phenylpropanoic acid	1	View Browse Hits Optimise more...
2	1 AND oxathiazepin	2	View Browse Hits Optimise more...
1	STAC=(Nrf2)	442	View Browse Hits Optimise more...

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