

# GUIA AVANÇADO PARA BUSCAS DE PATENTES ESPECÍFICAS

## Tutorial Específico 1 - Compostos Químicos

*Pesquisadores da DIESP / DIRPA / INPI*

Rio de Janeiro, 30 de julho de 2018.

# ATENÇÃO:

Por ser continuação do Guia Básico, este guia exige conhecimentos apresentados anteriormente.

Caso ainda não tenha lido o Guia Básico, por favor acesse-o [aqui](#) antes de prosseguir.

# Sumário

## Considerações iniciais

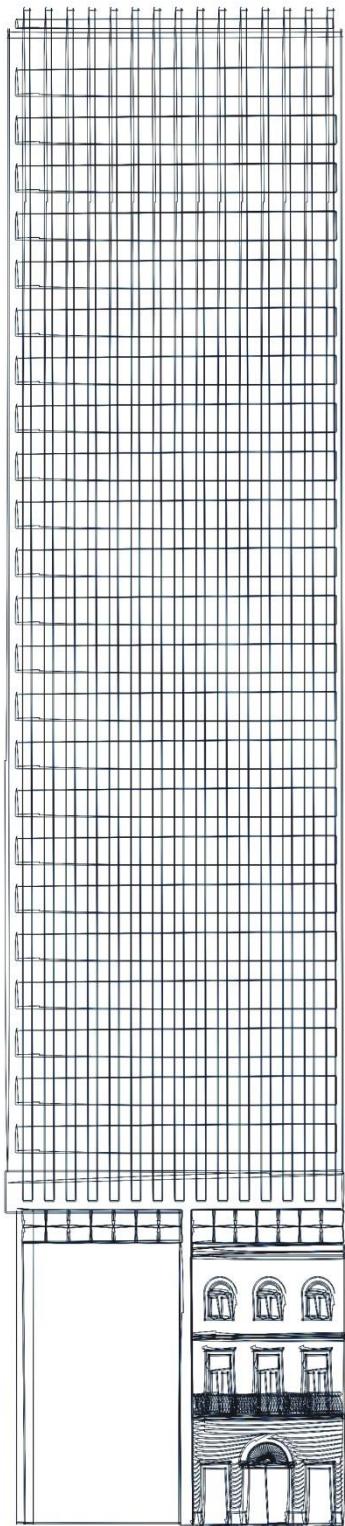
## Primeiro passo: busca de sinônimos

- na base PubChem
- na base ChemSpider

## Segundo passo: busca de documentos de patente

- na base Espacenet
- na base Google Patents

## Conclusão



# Considerações iniciais

Busca específica em documentos de patente relacionados a compostos químicos:

- Não deve ser focada apenas nos nomes comerciais.
- É importante utilizar os nomes das substâncias químicas e seus sinônimos.
- Portanto, antes de iniciar a busca, deve-se levantar os vários sinônimos do composto.

# Primeiro passo: busca de sinônimos

# Busca de sinônimos

Existem diversas bases comerciais e gratuitas que podem ser consultadas para recuperar sinônimos.

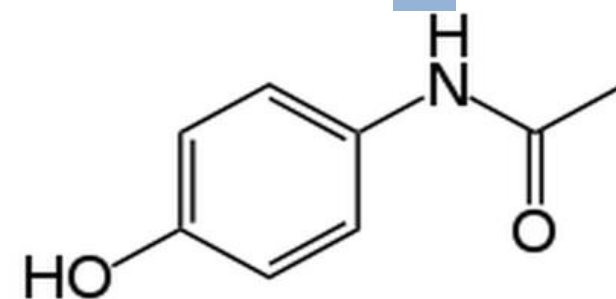
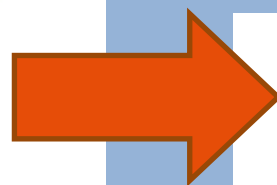
Exemplos de bases gratuitas são:



Para exemplificar, serão recuperados sinônimos para paracetamol, em duas bases gratuitas.



Fonte: <http://www.salud.es/paracetamol>



## Busca de sinônimos na base PubChem





Accessar <https://pubchem.ncbi.nlm.nih.gov/>

**PubChem**

[BioAssay](#) [Compound](#) [Substance](#)

[Go](#) [Limits](#) [Advanced](#)

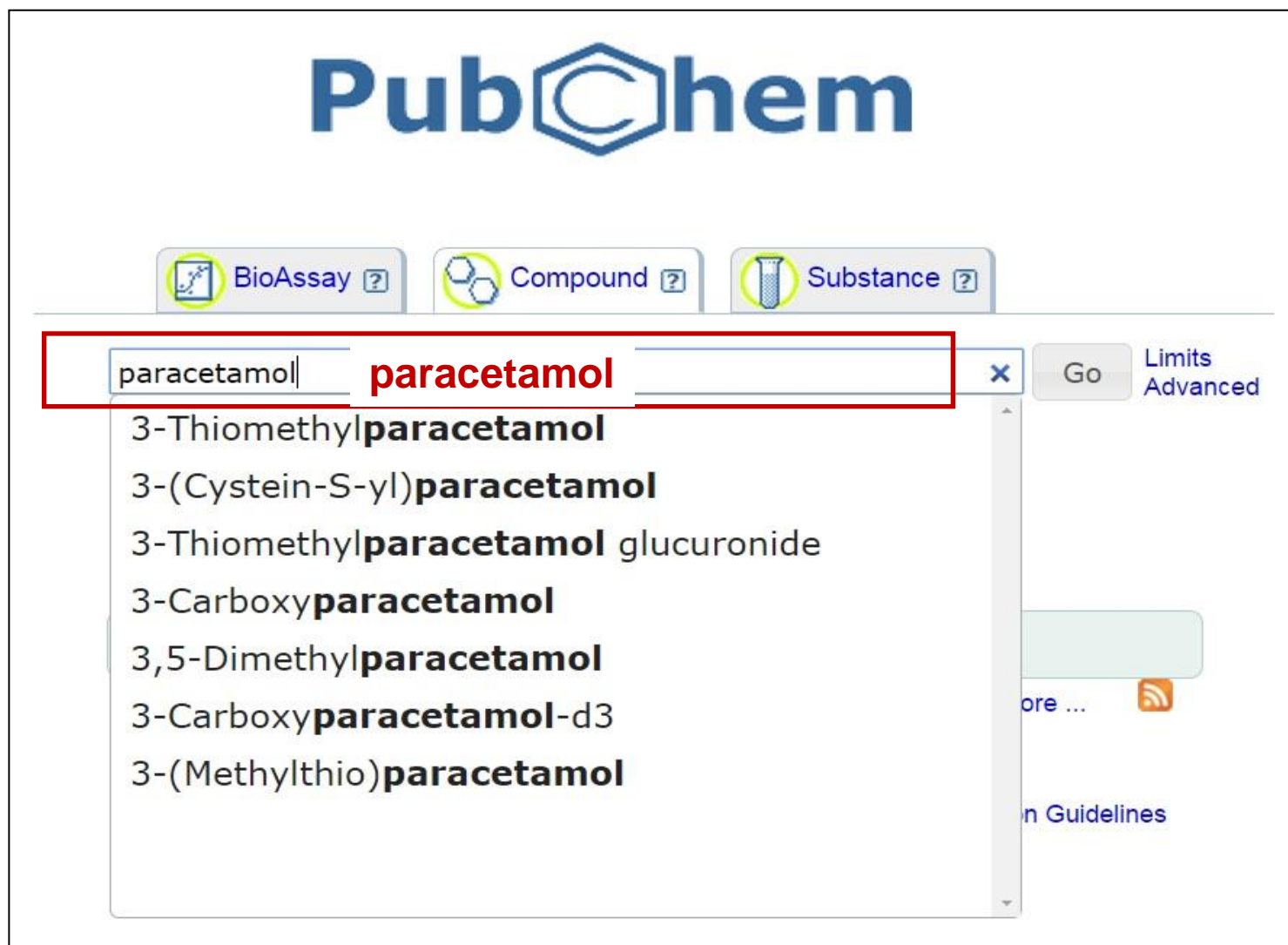
Try the new [PubChem Search](#)

**New** The PubChem Substance Record page is now released. [Read more...](#)

[more ...](#)

[Write to Helpdesk](#) | [Disclaimer](#) | [Privacy Statement](#) | [Accessibility](#) | [Data Citation Guidelines](#)  
National Center for Biotechnology Information  
NLM | NIH | HHS

Realizar a pesquisa na aba “Compound”, utilizando o nome da substância, como abaixo, ou o nome comercial.



The image shows the PubChem website interface. At the top, the PubChem logo is displayed. Below the logo, there are three navigation tabs: "BioAssay", "Compound", and "Substance". The "Compound" tab is selected. A search bar is located below the tabs, containing the text "paracetamol". The word "paracetamol" is highlighted in red. To the right of the search bar are buttons for "Go", "Limits", and "Advanced". A dropdown menu is open below the search bar, listing several related compounds:

- 3-Thiomethylparacetamol
- 3-(Cystein-S-yl)paracetamol
- 3-Thiomethylparacetamol glucuronide
- 3-Carboxyparacetamol
- 3,5-Dimethylparacetamol
- 3-Carboxyparacetamol-d3
- 3-(Methylthio)paracetamol

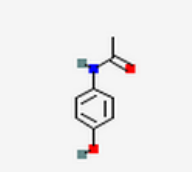
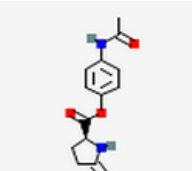
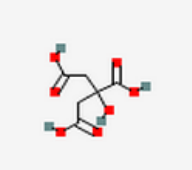
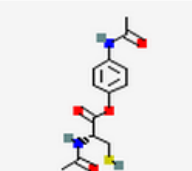
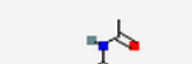
Os resultados são apresentados em ordem de relevância. Observar que o composto paracetamol aparece em primeiro lugar, seguido de seus derivados.

Para acessar a ficha do composto, deve-se clicar no nome de interesse:



Results: 1 to 20 of 53

<< First < Prev Page 1 of 3 Next > Last >>

-  [acetaminophen; 4-Acetamidophenol; Paracetamol ...](#)  
MW: 151.162560 g/mol MF: C<sub>8</sub>H<sub>9</sub>NO<sub>2</sub>  
IUPAC name: N-(4-hydroxyphenyl)acetamide  
CID: 1983  
[Summary](#) [Similar Compounds](#) [Same Parent, Connectivity](#) [Mixture/Component Compounds](#) [PubMed \(MeSH Keyword\)](#) [Active in](#)  
[59 of 2893 BioAssays](#)
-  [Pidolacetamol; Paracetamol-PGA; Paracetamol pyroglutamic acid ester ...](#)  
MW: 262.261260 g/mol MF: C<sub>13</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>  
IUPAC name: (4-acetamidophenyl) (2S)-5-oxopyrrolidine-2-carboxylate  
CID: 65920  
[Summary](#) [Similar Compounds](#) [Same Parent, Connectivity](#)
-  [citric acid; Citro; 77-92-9 ...](#)  
MW: 192.123520 g/mol MF: C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>  
IUPAC name: 2-hydroxypropane-1,2,3-tricarboxylic acid  
CID: 311  
[Summary](#) [Similar Compounds](#) [Same Parent, Connectivity](#) [Mixture/Component Compounds](#) [PubMed \(MeSH Keyword\)](#) [Active in](#)  
[20 of 957 BioAssays](#)
-  [Paracetamol mercapturate; paracetamol-mercapturate; acetaminophen-mercapturate ...](#)  
MW: 296.342140 g/mol MF: C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>S  
IUPAC name: (4-acetamidophenyl) (2R)-2-acetamido-3-sulfanylpropanoate  
CID: 171471  
[Summary](#) [Similar Compounds](#) [Same Parent, Connectivity](#) [PubMed \(MeSH Keyword\)](#)
-  [Paracetamol cysteine; L-Cysteine, 4-\(acetylamino\)phenyl ester; paracetamol-cysteine ...](#)  
MW: 254.305460 g/mol MF: C<sub>11</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub>S

A ficha do composto acetaminophen (sinônimo do paracetamol) contém diversas informações como: estrutura, conformação 3D, sinônimos, propriedades físico-químicas e até mesmo documentos de patente.

PubChem | OPEN CHEMISTRY DATABASE

Search Compounds

Compound Summary for CID 1983

Download Print

## Acetaminophen

Vendors Drug Information Pharmacology Literature Patents Bioactivities

Also known as: 4-Acetamidophenol, Paracetamol, Tylenol, APAP, 4'-Hydroxyacetanilide, Acetaminofen

**Molecular Formula:** C<sub>8</sub>H<sub>9</sub>NO<sub>2</sub>      **Molecular Weight:** 151.16256 g/mol      **InChI Key:** RZVAJINKPMORJF-UHFFFAOYSA-N

Analgesic antipyretic derivative of acetanilide. It has weak anti-inflammatory properties and is used as a common analgesic, but can cause kidney damage.

**Contents**

- 1 2D Structure
- 2 3D Conformer
- 3 Identification
- 4 Chemical and Physical Properties

1 2D Structure

Search Download Get

Em “Identification”, no subitem 3.3, estão listados os sinônimos e outros descritores para o composto de interesse.

**3.3 Synonyms** ?

**3.3.1 MeSH Synonyms** ?

1. Acamol	11. APAP
2. Acephen	12. Datriil
3. Acetaco	13. Hydroxyacetanilide
4. Acetamidophenol	14. N-(4-Hydroxyphenyl)acetanilide
5. Acetaminophen	15. N-Acetyl-p-aminophenol
6. Acetominophen	16. p-Acetamidophenol
7. Algotrotyl	17. p-Hydroxyacetanilide
8. Anacin 3	18. Panadol
9. Anacin-3	19. Paracetamol
10. Anacin3	20. Tylenol

*from MeSH [41]*

**3.3.2 Depositor-Supplied Synonyms** ?

1. acetaminophen	11. Algotrotyl	21. Febrilix	31. Multin
2. 4-Acetamidophenol	12. p-Hydroxyacetanilide	22. Gelocatil	32. Parmol
3. Paracetamol	13. p-Acetamidophenol	23. Injectapap	33. Tempra
4. Tylenol	14. Lonarid	24. Acephen	34. N-(4-Hydroxyphenyl)acetamide
5. APAP	15. Naprinol	25. Alvedon	35. Abensanil
6. 4'-Hydroxyacetanilide	16. Acamol	26. Anelix	36. Acetagesic
7. Acetaminofen	17. p-Acetaminophenol	27. Anhiba	37. Clixodyne
8. Panadol	18. N-Acetyl-p-aminophenol	28. Calpol	38. Dolprone
9. Datriil	19. Acetalgin	29. Dymadon	39. Febrolin
10. 103-90-2	20. Febridol	30. Finimal	40. Homoolan

*from PubChem [40]*

# Busca de sinônimos na base ChemSpider



Acessar <http://www.chemspider.com/>



About | More Searches | Web APIs | Help |

Simple search | Structure search | Advanced search

Systematic names	Synonyms	Trade names	Registry numbers	SMILES	InChI
1,2-dihydroxybenzene	AIBN	Aspirin	7732-18-5	O=C(OCC)C	InChI=1/CH4/h1H4

94

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#### What is ChemSpider?

ChemSpider is a free chemical structure database providing fast text and structure search access to over 32 million structures from hundreds of data sources.

Watch [our introduction video](#).

#### Search by chemical names

- Systematic names
- Synonyms
- Trade names
- Database identifiers

#### Search by chemical structure

- Create structure-based queries
- Draw structures in the web page
- Use structure files from your computer

#### Find important data

- Literature references
- Physical properties
- Interactive spectra
- Chemical suppliers

Realizar a pesquisa na aba “Simple search”, utilizando o nome da substância, como abaixo, ou o nome comercial.



About | More Searches | Web APIs | Help |

Simple search | Structure search | Advanced search

**paracetamol**

- Paracetamol
- Paracetamol cysteine
- paracetamol monohydrate
- paracetamololum

8+1 94

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ChemSpider is a free chemical structure database providing fast text and structure search access to over 32 million structures from hundreds of data sources.

Watch [our introduction video](#).

#### Search by chemical names

- Systematic names
- Synonyms
- Trade names
- Database identifiers

#### Search by chemical structure

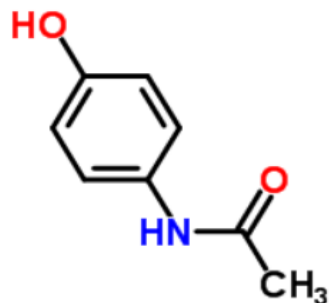
- Create structure-based queries
- Draw structures in the web page
- Use structure files from your computer

#### Find important data

- Literature references
- Physical properties
- Interactive spectra
- Chemical suppliers



A ficha do composto contém diversas informações como: estrutura, sinônimos, propriedades físico-químicas e até mesmo artigos e documentos de patente.



[?](#) Cell 2D 3D Save Zoom

### Paracetamol

ChemSpider ID: 1906

Molecular Formula: C<sub>8</sub>H<sub>9</sub>NO<sub>2</sub>

Average mass: 151.163 Da

Monoisotopic mass: 151.063324 Da

▼ Systematic name

N-(4-Hydroxyphenyl)acetamide

▶ SMILES and InChIs

▶ Cite this record

analgesic

anti-inflammatory drug

antipyretic

### ▼ Names and Identifiers

Names and Synonyms

Database ID(s)

Validated by Experts, Validated by Users, Non-Validated, Removed by Users, Redirected by Users, [Redirect Approved by Experts](#)

103-90-2 [\[RN\]](#)

203-157-5 [\[EINECS\]](#)

4-(Acetylamino)phenol

4-Acetaminophenol

4'-Hydroxyacetanilide

4-Hydroxyanilid kyseliny octove [\[Czech\]](#)

Acetamide, N-(4-hydroxyphenyl)- [\[ACD/Index Name\]](#)

Acetamide, N-(p-hydroxyphenyl)-

Acetaminophen [\[JP15\]](#) [\[USP\]](#) [\[Wiki\]](#)

Acetanilide, 4'-hydroxy-

[More...](#)

## Exemplos de sinônimos extraídos das bases PubChem e Chempider:

- Paracetamol
- Tylenol
- Febrolin
- Dolgesic
- Nome IUPAC: N-(4-hydroxyphenyl)acetamide
- Acetamidophenol
- Acetaminophen
- Hydroxyacetanilide
- 4-(Acetylamino)phenol

# Segundo passo: busca de documentos de patente

# Busca de documentos de patente

Existem diversas bases comerciais e gratuitas para a pesquisa de documentos de patente.

Exemplos de bases gratuitas:



## Busca de documentos de patente na base Espacenet



Acessar <http://worldwide.espacenet.com/> e selecionar “Advanced search”.



The screenshot shows the Espacenet website interface. At the top left is the logo of the European Patent Office (EPO) with the text: "Europäisches Patentamt", "European Patent Office", and "Office européen des brevets". To the right of the logo is the "Espacenet Patent search" logo. In the top right corner, there are language options: "Deutsch", "English", "Français", and a "Contact" link. Below the language options is a "Change country" dropdown menu.

Below the header is a navigation bar with the following items: "About Espacenet", "Other EPO online services", "Search", "Result list", "My patents list (0)", "Query history", "Settings", and "Help".

The main content area is divided into two columns. The left column contains a "Smart search" dropdown menu with three options: "Advanced search" (highlighted with a red box and a red arrow), "Classification search", and "Maintenance news". Below the "Smart search" menu is a "Maintenance/outages" section with a RSS icon. The text in this section reads: "Espacenet outages - time zone: CET", "Mon-Sun 05:00-c.05:30", "Possible outages on Sunday 9th of November from 10:00-18:00". Below this is a "Please note" section with the text: "Please note: Accessing Espacenet with any automated tools or processes is a breach of our Fair Use Charter and may result in rejection messages and possible blacklisting. If you need to download large amounts of data, please do so from Open Patent Services (OPS) → read more...".

The right column contains a main heading: "Espacenet: free access to the database of over 80 million patents". Below this heading is a "Smart search" input field with an information icon (i) and the text "Siemens EP 2007". Below the input field is a "Clear" button and a "Search" button.

Below the search input field is a section titled "GLOBAL DOSSIER NOW IN ESPACENET" with the text: "This pioneering new service allows you to access SIPO file wrapper data directly from Espacenet. Take a look at our [release notes](#) for more information."

Below this section is a section titled "Did you know?" with the text: "Towards the end of last year, we conducted online surveys and ran focus groups to find out what you think of Espacenet. Thanks to those who took part, we really do appreciate your feedback. It has prompted us to start a "Did you know?" series on our landing page, and revisit some of the basics. You'll find that there's a lot you didn't know you knew about Espacenet."

Below this section is a section titled "So here goes: did you know..." with the text: "... that Espacenet supports Boolean search? You didn't?! It does! This means that you can combine search statements with AND (restricting the number of search results), OR (broadening the number of search results) and NOT (excluding particular search results). Take a look at our information on [Boolean operators](#)".

Realizar a pesquisa, preenchendo os campos de interesse com as palavras chave selecionadas anteriormente nas bases de sinônimos.

Exemplo: nome comercial tylenol no campo “título ou resumo”


## Advanced search


Select the collection you want to search in  \_\_\_\_\_

Worldwide - collection of published applications from 90+ countries 

Enter your search terms - CTRL-ENTER expands the field you are in

Enter keywords in English \_\_\_\_\_



Title:  \_\_\_\_\_ plastic and bicycle

Title or abstract:  \_\_\_\_\_ hair

tylenol **tylenol** \_\_\_\_\_

Observar que foram recuperados apenas 6 resultados utilizando o termo tylenol.

## Result list

Select all (0/6)  Compact  Export ( CSV | XLS )  Download covers

 Print

6 results found in the Worldwide database for:  
tylenol in the title or abstract

Sort by  Sort order

1. **IN THE SOLVENTLESS REACTION CONDITIONS USING MICROWAVE TYLENOL'S NEW HIGH-SPEED MANUFACTURING**

★	<b>Inventor:</b> LEE JIN SOO [KR]	<b>Applicant:</b> LEE JIN SOO [KR]	<b>CPC:</b>	<b>IPC:</b> A61K31/166 B01J19/12 C07C231/00 (+1)	<b>Publication info:</b> KR20140019712 (A) 2014-02-17	<b>Priority date:</b> 2012-08-07
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2. **SYSTEM AND METHOD FOR SCHEDULE BASED GROUP BYING**

★	<b>Inventor:</b> SEOK YOON CHAN [KR] KANG SUNG KYU [KR]	<b>Applicant:</b> SEOK YOON CHAN [KR] KANG SUNG KYU [KR]	<b>CPC:</b>	<b>IPC:</b> G06Q30/06	<b>Publication info:</b> KR20120138920 (A) 2012-12-27	<b>Priority date:</b> 2011-06-16
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3. **Feminine care kit**

★	<b>Inventor:</b> GONZALES SHERRI [US]	<b>Applicant:</b>	<b>CPC:</b> <u>B65D69/00</u>	<b>IPC:</b> B65D69/00	<b>Publication info:</b> US2011215025 (A1) 2011-09-08	<b>Priority date:</b> 2010-03-04
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Portanto, devem ser feitas novas buscas, utilizando nomes químicos da substância; por exemplo, acetaminophen:


## Advanced search

Select the collection you want to search in 

Worldwide - collection of published applications from 90+ countries 

**Enter your search terms - CTRL-ENTER expands the field you are in**

Enter keywords in English

Title: 

plastic and bicycle

Title or abstract: 




hair

acetaminophen

**acetaminophen**

Observar que desta vez foram recuperados 1.342 resultados, utilizando um dos nomes químicos da substância.

## Result list

Select all (0/25)  Compact  Export ( CSV | XLS )  Download covers

 Print

Approximately 1,342 results found in the Worldwide database for:  
**acetaminophen** in the title or abstract  
Only the first 500 results are displayed.

1 

Results are sorted by date of upload in database

### 1. Solvent free synthesis of **acetaminophen**

★ <b>Inventor:</b> AMIN MUHAMMAD [PK] IQBAL MUHAMMAD S [PK]	<b>Applicant:</b> AMIN MUHAMMAD [PK] IQBAL MUHAMMAD S [PK]	<b>CPC:</b> <u>C07C231/02</u>	<b>IPC:</b> C07C231/02	<b>Publication info:</b> US9006488 (B1) 2015-04-14	<b>Priority date:</b> 2014-03-20
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### 2. Compositions And Methods For Amelioration And Prevention Of Drug-Induced Toxicity


★ <b>Inventor:</b> MOGRABI JOSEF [IL] ILAN YARON [IL]	<b>Applicant:</b> MOGRABI JOSEF [IL] HADASIT MED RES SERVICE [IL]	<b>CPC:</b> <u>A61K2300/00</u> (+21)	<b>IPC:</b> A61K31/10 A61K31/197 A61K31/198 (+3)	<b>Publication info:</b> US2015080348 (A1) 2015-03-19	<b>Priority date:</b> 2012-05-24
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### 3. Injectable supersaturated **acetaminophen** solution for spinal administration

★ <b>Inventor:</b>	<b>Applicant:</b> SINT SA AUGUSTO MITIDIERI (+2)	<b>CPC:</b> <u>A61K2300/00</u> (+13)	<b>IPC:</b>	<b>Publication info:</b> IL236423 (A) 2015-02-26	<b>Priority date:</b> 2012-06-29
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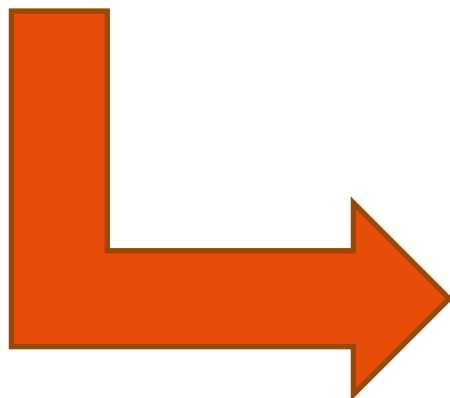
A busca no Espacenet utilizando o nome IUPAC N-(4-hydroxyphenyl)acetamide é considerada inválida, pois o sistema não reconhece parênteses.

Enter keywords in English

Title:  

Title or abstract:  

**N-(4-hydroxyphenyl)acetamide**



## An error has occurred

**Invalid query**

[Refine search](#)

The page you tried to display caused an error.

Error message: Invalid syntax in this part of the query: (

[Do you not know why your search terms are not valid? Espacenet assistant](#) 

Na tentativa de buscar pelo nome IUPAC no Espacenet, uma alternativa possível é utilizar os termos do nome químico combinados com o operador booleano AND.

IUPAC: N-(4-hydroxyphenyl)acetamide

Exemplo: hydroxyphenyl AND acetamide no “título ou resumo”.


## Advanced search


Select the collection you want to search in  \_\_\_\_\_

Worldwide - collection of published applications from 90+ countries 

Enter your search terms - CTRL-ENTER expands the field you are in

Enter keywords in English \_\_\_\_\_

Title:  plastic and bicycle

Title or abstract:  hair

hydroxyphenyl AND acetamide     **hydroxyphenyl AND acetamide**

Observar que foram recuperados 98 resultados utilizando a combinação “hydroxyphenyl AND acetamide”.

## Result list

Select all (0/25)  Compact  Export ( CSV | XLS )  Download covers  Print

Approximately 98 results found in the Worldwide database for:  
**hydroxyphenyl and acetamide** in the title or abstract

1 ▶

Sort by  Sort order

### 1. METHOD OF TREATING LYMPHOMA USING THIENOTRIAZOLODIAZEPINE COMPOUNDS

★	<b>Inventor:</b> BERTONI FRANCESCO [CH] BONETTI PAOLA [CH]	<b>Applicant:</b> ONCOETHIX SA [CH]	<b>CPC:</b> <a href="#">A61K31/551</a>	<b>IPC:</b> A61K31/5517 A61P35/00	<b>Publication info:</b> CA2877434 (A1) 2014-01-03	<b>Priority date:</b> 2012-06-25
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### 2. A novel O-alkylation production method of beta-blocker intermediates

★	<b>Inventor:</b> JANG SHYUE- MING [TW] SHIEH TIAN- SHY [TW]	<b>Applicant:</b> IND TECH RES INST [TW]	<b>CPC:</b>	<b>IPC:</b> C07C231/12 C07D301/02	<b>Publication info:</b> TW206963 (B) 1993-06-01	<b>Priority date:</b> 1992-11-05
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### 3. A novel production method of the atenolol - an anti-high-blood-pressure drug

★	<b>Inventor:</b> HWANG CHORNG- SHYONG [TW] LIOU MIAW- CHUEN [TW] (+1)	<b>Applicant:</b> IND TECH RES INST [TW]	<b>CPC:</b>	<b>IPC:</b> C07C215/08	<b>Publication info:</b> TW206962 (B) 1993-06-01	<b>Priority date:</b> 1992-05-15
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Destaca-se que os resultados apresentados podem ser inespecíficos.

Nos casos abaixo, mesmo com as palavras presentes no resumo, a substância de interesse não foi recuperada.

### Abstract of US2014018353 (A1)


Translate this text into 

Albanian

 patenttranslate powered by EPD and Google

A method of treating B-cell malignant cancers or T-cell malignant cancers in a mammal by administering to a patient a pharmaceutically acceptable amount of a composition comprising (S)-2-[4-(4-chlorophenyl)-2,3,9-trimethyl-6H-thieno[3,2-f][1,2,4]triazolo-[4,3-a][1,4]diazepin-6-yl]-N-(4-hydroxyphenyl)acetamide. The B-cell malignant cancers include diffuse large B-cell lymphoma and splenic marginal zone lymphoma. The T-cell malignant cancers include anaplastic large T-cell lymphoma.

### Abstract of RU2448694 (C2)

Translate this text into 

Albanian

 patenttranslate powered by EPD and Google

FIELD: medicine, pharmaceuticals. ^ SUBSTANCE: group of inventions refers to medical chemistry and concerns using non-peptide compounds for inhibiting the oligomerisation of monomer peptides A1-42. There are offered methods for counteracting formation of neurotoxic proteins ADDL from monomer peptides A1-42, as well as methods for suppressing, regulating and/or modulating neuronal dysfunction or neurotoxicity caused by the proteins ADDL in nerve cells or nerve tissue due to suppressing formation of the proteins ADDL, involving the contact of monomer A1-42 and a compound specified in a group consisting of: (Z)-N-(2-Methoxy-phenyl)-2-oxo-2-{N'-[3-oxo-3-thiophen-2-yl-1-trifluoromethyl-propylidene]-hydrazino}-acetamide, ethyl ether of (E)-2-[[1-(2-hydroxy-3-methoxy-phenyl)-methylidene-hydrazinooxalyl]-amino]-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid, ethyl ether of (E)-2-[[1-(2-hydroxynaphthalen-1-yl)-methylidene-hydrazinooxalyl]-amino]-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid, ethyl ether of (E)-2-[[1-(2-hydroxyphenyl)-methylidene-hydrazinooxalyl]-amino]-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid, 2-(5-Hydroxy-3-isobutyl-5-(trifluoromethyl)-4,5-dihydro-1H-pyrazol-1-yl)-N-(2-methoxyphenyl)-2-oxoacetamide and (E)-2-Hydroxy-N'-((1-hydroxynaphthalen-2-yl)methylene)benzohydrazide.; There are also presented compositions containing an effective amount of the compounds stated above. ^ EFFECT: group of invention provides the candidate compounds for developing drug preparations for neurodegenerative disorders associated with the proteins ADDL, particularly Alzheimer's disease. ^ 25 cl, 2 dwg, 1 tbl, 3 ex

Para tornar mais específica a busca anterior, além das palavras chave, pode ser utilizada a Classificação Internacional de Patentes (IPC, em inglês) referente a preparações para finalidades médicas:

A61K Preparações para finalidades médicas, odontológicas ou higiênicas.

Enter keywords in English

Title:

Title or abstract:  **hydroxyphenyl AND acetamide**

Enter one or more classification symbols

CPC

IPC  **a61k**

Como resultado, foram recuperados aproximadamente quarenta e sete documentos relacionados à substância de interesse:

Approximately 47 results found in the Worldwide database for:  
hydroxyphenyl AND acetamide in the title or abstract AND a61k as the IPC classification

1 ▶

Sort by  Sort order

1. **METHOD OF TREATING LYMPHOMA USING THIENOTRIAZOLODIAZEPINE COMPOUNDS**

★	<b>Inventor:</b> BERTONI FRANCESCO [CH] BONETTI PAOLA [CH]	<b>Applicant:</b> ONCOETHIX SA [CH]	<b>CPC:</b> <u>A61K31/551</u>	<b>IPC:</b> A61K31/5517 A61P35/00	<b>Publication info:</b> CA2877434 (A1) 2014-01-03	<b>Priority date:</b> 2012-06-25
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2. **ANTITUMOR AGENT**

★	<b>Inventor:</b> MIYOSHI SHINJI [JP] OOIKE SHINSUKE [JP] (+3)	<b>Applicant:</b> MITSUBISHI TANABE PHARMA CORP [JP]	<b>CPC:</b> <u>A61K31/551</u> <u>C07D495/14</u>	<b>IPC:</b> A61K31/551	<b>Publication info:</b> US2013261109 (A1) 2013-10-03	<b>Priority date:</b> 2007-12-28
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3. **TRIAZOLOPYRIDAZINES AS PAR1 INHIBITORS, PRODUCTION THEREOF, AND USE AS MEDICAMENTS**

★	<b>Inventor:</b> HEINELT UWE WEHNER VOLKMAR (+4)	<b>Applicant:</b> SANOFI AVENTIS	<b>CPC:</b> <u>A61K31/5025</u> <u>C07D487/04</u>	<b>IPC:</b> A61K31/5025 A61P7/02 C07D487/04	<b>Publication info:</b> NZ587141 (A) 2012-04-27	<b>Priority date:</b> 2008-02-05
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4. **ACETAMIDE STEREOISOMER**

★	<b>Inventor:</b> ABOLIN CRAIG R WILKINSON H	<b>Applicant:</b> SEPRACOR INC	<b>CPC:</b> <u>A61K31/167</u> <u>A61K31/4015</u>	<b>IPC:</b> A61K31/167 A61P11/08	<b>Publication info:</b> NZ583462 (A) 2012-03-30	<b>Priority date:</b> 2007-08-28
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Frequentemente, o nome do composto químico não está presente no título ou no resumo, mas somente no relatório descritivo. No Espacenet, a busca em texto completo pode ser feita, em documentos EP (depositados no Escritório Europeu de Patentes) e WO (depósitos PCT). A seleção pode ser feita na Busca Avançada:

## Advanced search

Select the collection you want to search in 

- Worldwide - collection of published applications from 90+ countries
- Worldwide - collection of published applications from 90+ countries
- EP - complete collection including full text of European published applications
- WIPO - complete collection including full text of PCT published applications**



As palavras chave, agora no campo referente a texto completo, serão novamente combinadas com a classificação A61K:

Enter keywords in English

Title:

Title or abstract:   **hydroxyphenyl AND acetamide**

Keyword(s) in full text:


Enter one or more classification symbols

CPC

IPC   **a61k**



Foram recuperados 3 documentos, que deverão ser lidos e analisados.

## Result list

Select all (0/3)  Compact  Export ( CSV | XLS )  Download covers

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3 results found in the WIPO database for:  
**hydroxyphenyl and acetamide** in the title or abstract AND **a61k** as the IPC classification

Sort by   Sort order  

1. **METHOD OF TREATING LYMPHOMA USING THIENOTRIAZOLODIAZEPINE COMPOUNDS**

★	<b>Inventor:</b> BERTONI FRANCESCO [CH] BONETTI PAOLA [CH]	<b>Applicant:</b> ONCOETHIX SA [CH]	<b>CPC:</b>	<b>IPC:</b> A61K 31/5517 A61P35/00	<b>Publication info:</b> WO2014001356 (A1) 2014-01-03	<b>Priority date:</b> 2012-07-12
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2. **A 2-F LUOROBENZOATE SALT AND A 2, 6-DIF LUOROBENZOATE SALT OF N-{5-CHLORO-2- [ ( (2S) -3-{ [1- (4-CHLOROBENZYL)PIPERIDIN-4- YL ] AMINO } - 2 - HYDROXY- 2 -ME T HYLPR OPYL ) OXY] - 4 - HYDROXYPHENYL } ACETAMIDE**

★	<b>Inventor:</b> GIOVANNINI JULIEN [GB] JOSEFSSON BO-GOERAN [SE] (+2)	<b>Applicant:</b> ASTRAZENECA AB [SE] GIOVANNINI JULIEN [GB] (+3)	<b>CPC:</b>	<b>IPC:</b> A61K 31/4468 A61K 9/72 A61P11/00 (+2)	<b>Publication info:</b> WO2008100202 (A1) 2008-08-21	<b>Priority date:</b> 2007-02-14
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3. **VASCULAR WALL-SELECTIVE ACAT INHIBITOR**

★	<b>Inventor:</b> EDANO TOSHIYUKI [JP] KAWAMINE KATSUMI [JP] (+6)	<b>Applicant:</b> EDANO TOSHIYUKI [JP] KAWAMINE KATSUMI [JP] (+7)	<b>CPC:</b>	<b>IPC:</b> A61K 31/496 A61P3/06 A61P43/00 (+8)	<b>Publication info:</b> WO03018564 (A1) 2003-03-06	<b>Priority date:</b> 2001-08-22
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# Atenção

➤ A classificação específica de um composto pode ser utilizada no lugar do nome do composto em caso de buscas nas quais se deseja encontrar diferentes formas de dosagem ou associações de substâncias, como:

A61K 31/167 (específica para paracetamol) **and** ibuprofen

➤ Deve-se verificar ainda a possibilidade de adicionar à estratégia novas combinações de palavras chave e classificações, como:

- A61P (aplicação terapêutica) **and** paracetamol
- C07 (métodos de síntese) **and** A61P (aplicação terapêutica)
  - Dolgesic **or** Hydroxyacetanilide

# Busca de documentos de patente na base Google Patents



Acessar <https://www.google.com.br/?tbm=pts>

No Google Patents, a pesquisa é feita automaticamente no título, resumo e texto completo.

A pesquisa também inclui uma truncagem automática dos termos utilizados.



A busca abaixo utiliza o nome IUPAC do paracetamol, entre aspas: “N-(4-hydroxyphenyl)acetamide”

Foram encontrados aproximadamente 89.500 resultados, com a expressão exata no título, resumo e/ou texto completo.



Web   Imagens   Vídeos   Shopping   Mais ▾   Ferramentas de pesquisa

Aproximadamente 89.500 resultados (0,27 segundos)

### Esters of n-(4'-hydroxyphenyl)acetamide with ...

image  
not  
available

[www.google.com.br/.../EP0051981B1?qcl...](http://www.google.com.br/.../EP0051981B1?qcl...) - Traduzir esta página  
Concedida - Arquivado em 4 nov. 1981 - Emitido 26 fev. 1986 - Badia Jose  
Ma Calzada - Calzada Y Cia, S.R.C.  
The present invention relates to esters of **N-(4'-hydroxyphenyl)acetamide**  
with 5-benzoyl-1-methyl-' pyrrole-2-acetic acids, which have the ...  
[Visão geral](#) - [Relacionados](#) - [Discussão](#)

### Antitumor agent

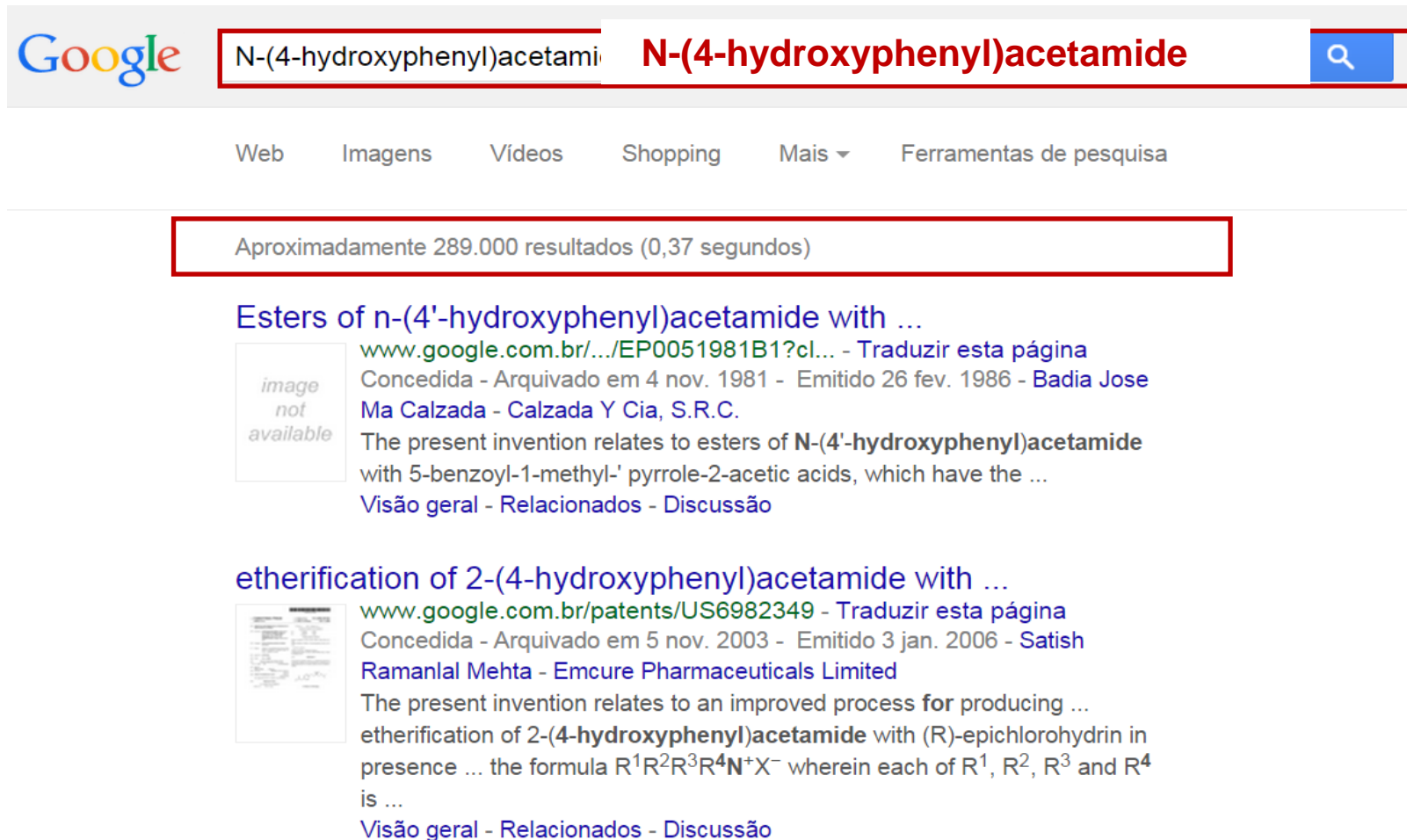
image  
not  
available

[www.google.com.br/.../US20130261109](http://www.google.com.br/.../US20130261109) - Traduzir esta página  
Pedida - Arquivado em 28 maio 2013 - Publicado em 3 out. 2013 - Shinji  
Miyoshi - Mitsubishi Tanabe Pharma Corporation  
... -6H-thieno[3,2-f][1,2,4]triazolo[4,3-a][1,4]diazepin-6-yl]-**N-(4-  
hydroxyphenyl)acetamide** or a dihydrate thereof to the mammal.  
[Visão geral](#) - [Relacionados](#) - [Discussão](#)

Abaixo, utiliza-se o termo sem aspas: N-(4-hydroxyphenyl)acetamide.

Neste caso foram encontrados aproximadamente 289.000 resultados, pois foram localizados os termos da expressão no título, resumo e/ou texto completo.

Entretanto, esse grande número de documentos não indica, necessariamente, que todos os resultados sejam relevantes.



The screenshot shows a Google search interface. The search bar contains the text "N-(4-hydroxyphenyl)acetami" followed by "N-(4-hydroxyphenyl)acetamide" in red. Below the search bar, there are navigation options: "Web", "Imagens", "Vídeos", "Shopping", "Mais", and "Ferramentas de pesquisa". A red box highlights the search results summary: "Aproximadamente 289.000 resultados (0,37 segundos)". Below this, two search results are visible. The first result is titled "Esters of n-(4'-hydroxyphenyl)acetamide with ..." and includes a thumbnail with the text "image not available". The second result is titled "etherification of 2-(4-hydroxyphenyl)acetamide with ..." and includes a thumbnail showing a document page.


Google

N-(4-hydroxyphenyl)acetami **N-(4-hydroxyphenyl)acetamide**


Web Imagens Vídeos Shopping Mais Ferramentas de pesquisa

Aproximadamente 289.000 resultados (0,37 segundos)

**Esters of n-(4'-hydroxyphenyl)acetamide with ...**

 [www.google.com.br/.../EP0051981B1?cl...](http://www.google.com.br/.../EP0051981B1?cl...) - Traduzir esta página  
Concedida - Arquivado em 4 nov. 1981 - Emitido 26 fev. 1986 - [Badia Jose Ma Calzada](#) - Calzada Y Cia, S.R.C.  
The present invention relates to esters of **N-(4'-hydroxyphenyl)acetamide** with 5-benzoyl-1-methyl-' pyrrole-2-acetic acids, which have the ...  
[Visão geral](#) - [Relacionados](#) - [Discussão](#)

**etherification of 2-(4-hydroxyphenyl)acetamide with ...**

 [www.google.com.br/patents/US6982349](http://www.google.com.br/patents/US6982349) - Traduzir esta página  
Concedida - Arquivado em 5 nov. 2003 - Emitido 3 jan. 2006 - [Satish Ramanlal Mehta](#) - [Emcure Pharmaceuticals Limited](#)  
The present invention relates to an improved process for producing ...  
etherification of 2-(**4-hydroxyphenyl**)acetamide with (R)-epichlorohydrin in presence ... the formula  $R^1R^2R^3R^4N^+X^-$  wherein each of  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$  is ...  
[Visão geral](#) - [Relacionados](#) - [Discussão](#)



Observar que, embora a busca tenha sido realizada com os termos juntos, a truncagem automática da base também recupera resultados com os termos separados.

### Preparation of benzofurans and use thereof as synthetic ...



[www.google.com.br/.../US20130046103](http://www.google.com.br/.../US20130046103) - Traduzir esta página

Pedida - Arquivado em 10 fev. 2011 - Publicado em 21 fev. 2013 - Ehud Marom - Mapi Pharma Limited

**N**-(3-formyl-**4**-hydroxyphenyl)-**N**-(methylsulfonyl) .... (b) reaction of the **N**-(**4**-methoxyphenyl)**acetamide** with 2-bromohexanoyl chloride or ...

Visão geral - Relacionados - Discussão

### Quinoline derivatives



[www.google.com.br/.../WO2008014602...](http://www.google.com.br/.../WO2008014602...) - Traduzir esta página

Pedida - Arquivado em 25 jul. 2007 - Publicado em 7 fev. 2008 - Daniel Dumas - Chronogen Inc

**N**-((5-chloro-8-hydroxyquinolin-7-yl)(**4**-hydroxyphenyl)methyl)**acetamide** 26, **N**-((5-chloro-8-hydroxyquinolin-7-yl)(**3**-hydroxyphenyl) ...

Visão geral - Relacionados - Discussão

# Conclusão

- Como foi mostrado, a busca para substâncias químicas deve ser feita utilizando diferentes estratégias e bases de dados.
- Podem ser necessárias diversas tentativas para alcançar o resultado esperado, utilizando os nomes químicos, suas variações e classificações de forma iterativa.

**OBS:** As buscas apresentadas nos exemplos foram realizadas em julho de 2015.



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<http://faleconosco.inpi.gov.br/faleconosco/>