

- Research Topic
- Author Name
- Document Identifier
- Company / Organization Name
- Table of Contents
- Document Type
- Publication Year
- Language
- Index Term / CA Section
- Product Role
- Citation
- CAS RN

- Structure & Substructure
- CAS RN, Synonyms
- Molecular Formula

Substâncias e Propriedades

REGISTRY

- Properties
- Comercial Availability
- Literature Availability

Referências Bibliográficas

CAPLUS

MEDLINE



Reações Químicas

CASREACT

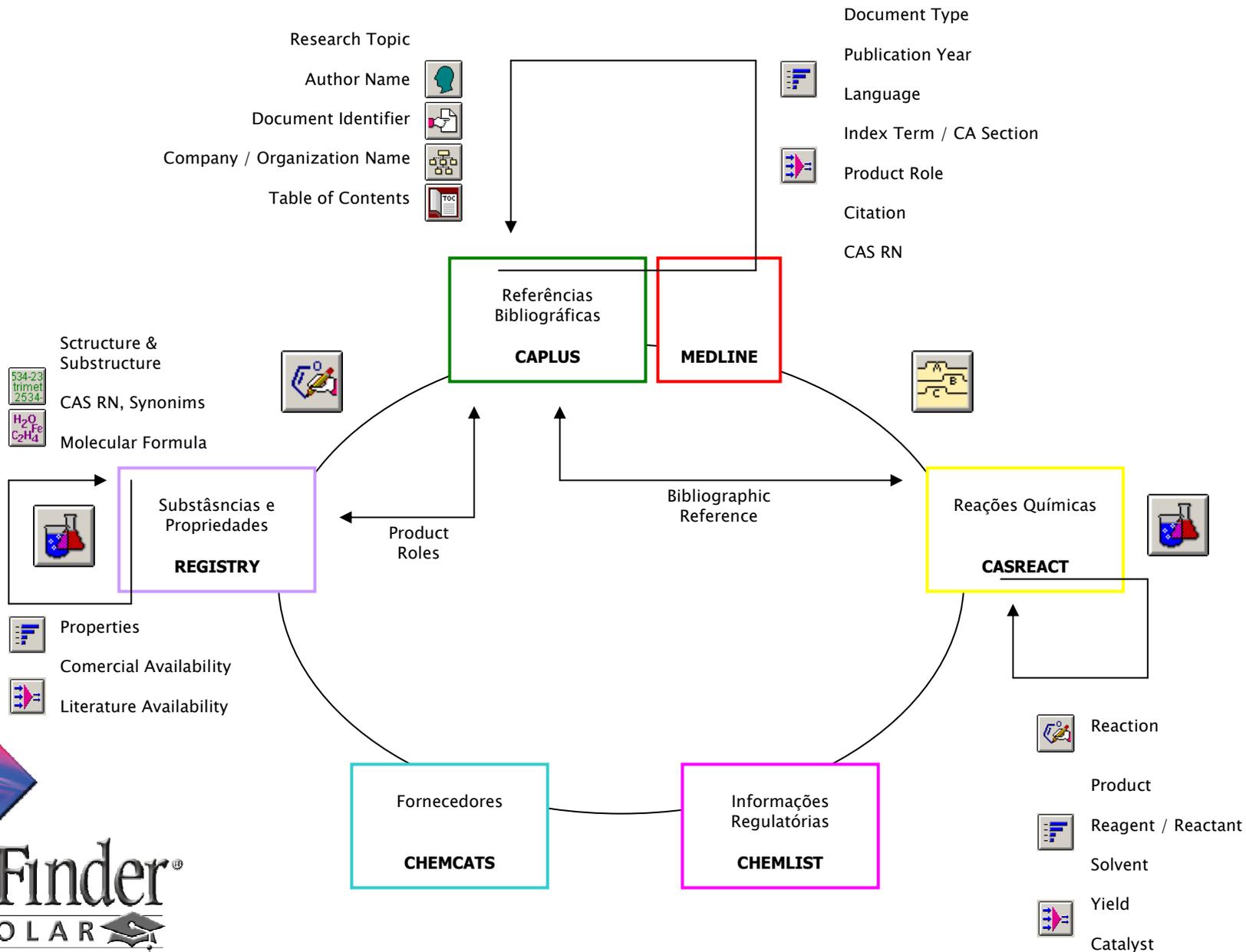
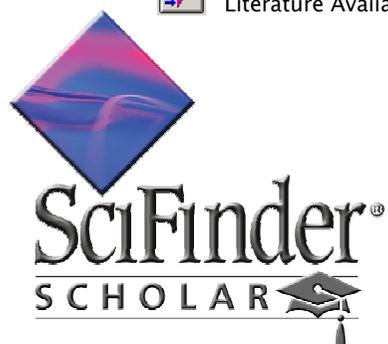
- Reaction
- Product
- Reagent / Reactant
- Solvent
- Yield
- Catalyst

Fornecedores

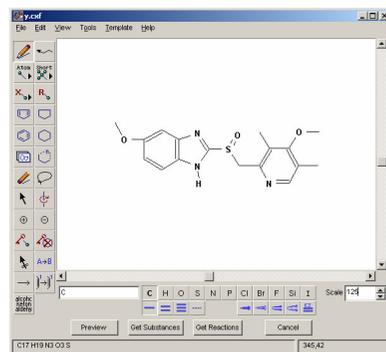
CHEMCATS

Informações Regulatórias

CHEMLIST



Janela inicial de busca

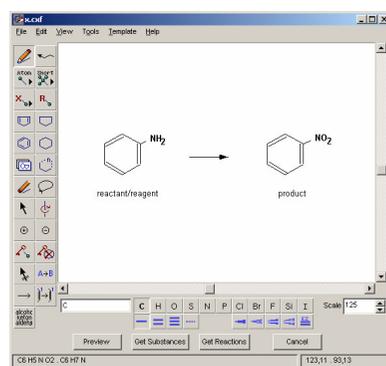


Explore by Chemical Substance

Select One:

- Chemical Structure
Identify substances or reactions using a chemical structure.
- Substance Identifier
Identify substances using names or identification numbers.
- Molecular Formula
Identify substances using a molecular formula.

Cancel



Explore

Select One:

- Chemical Substance or Reaction
Find a substance or reaction and retrieve corresponding literature.
- Research Topic
Find literature relevant to a topic of interest.
- Author Name
Find literature written by a specific author.
- Document Identifier
Find literature by document ids such as CA abstract number or patent number.
- Company Name / Organization
Find literature from a specific organization.
- Browse Table of Contents
Scan table of contents of my favorite journals.

Cancel

Explore by Substance Identifier

Enter Substance Identifiers, one per line.

omeprazole

A Substance Identifier is any name or number used to denote a specific substance.

Examples:
50-00-0
999815
Acetaminophen
1,4-dichlorobenzene

Browse Journal Table of Contents

File Edit Tools Help

- Accounts of Chemical Research
- ACH - Models in Chemistry
- ACS Symposium Series
- Acta Biochimica Polonica
- Acta Chemica Scandinavica
- Acta Chimica Slovenica
- Acta Crystallographica, Section A: Foundations of Crystallography
- Acta Crystallographica, Section B: Structural Science
- Acta Crystallographica, Section C: Crystal Structure Communications
- Acta Crystallographica, Section D: Biological Crystallography
- Acta Crystallographica, Section E: Structure Reports Online
- Acta Crystallographica, Section F: Structural Biology and

Journals 1-12 of 1877



Detail of Substance 1

File Edit Help

Formula: C6 H6

CA Index Name: Benzene (BCL9CI)

Other Names: 1,3,5-Cyclohexatriene; Benzol; Benzole; Coal naphtha; Cyclohexatriene, NSC 67315; Phene; Phenyl hydride; Pyrobenzol; Pyrobenzole; [6]Annulene

Class Identifier: Ring Parent

-- Properties --

Property	Calculated Value	Condition	Note
Bioconc. Factor	28.6	pH 1	(1) ACD
Bioconc. Factor	28.6	pH 4	(1) ACD
Bioconc. Factor	28.6	pH 7	(1) ACD
Bioconc. Factor	28.6	pH 8	(1) ACD
Bioconc. Factor	28.6	pH 10	(1) ACD

Sources for 71-43-2

File Edit Help

Catalog Name: LaboTest Building Blocks
Quantity: N/A
Publication Date: 18 May 2005
Order Number: LTBB002689
Chemical Name: Benzene
Registry Number: 71-43-2
CHEMCATS

Catalog Name: EMD Chemicals Product Catalog
Quantity: 100ml
4L
200L
20L
4L

Close

Sources 1-2 of 148

Regulated Chemicals Listing for 71-43-2

File Edit Help

Accession Number: 353 CHEMLIST

CAS Registry Number: 71-43-2

Chemical Name
Benzene (TSCA, DSL, EINECS, ENCS, AICS, ECL, SWISS, PICCS, ISRAEL, TAIWAN, ASIA-PAC)
Benzene (French) (DSL, EINECS)
Benzol (English, German) (EINECS, SWISS, PICCS)
benzeno, puro (Spanish) (EINECS)
1,3,5-Cyclohexatriene
Benzole

Close

Regulated Chemicals Listing 1 of 1

Get References

Retrieve references for:

All substances Selected substances

For each substance, retrieve:

All references References associated with:

Adverse Effect, including Toxicity Occurrence
 Analytical Study Preparation
 Biological Study Process
 Combinatorial Study Properties
 Crystal Structure Reactant or Reagent
 Formation, nonpreparative Spectral Properties
 Miscellaneous Uses

For each **sequence**, retrieve:

Additional related references, e.g., activity studies, disease studies.

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NewTask Back Forward Print Save As FullText Prefz Database History Internet Help Exit

A-B
71-43-2

~115329
References
REGISTRY

Get References Get Reactions Analyze/Refine Back

Substance 1 of 1

Janela de resultados:
Compostos

Reaction Roles

Retrieve reactions for:

All substances Selected substances

Select a reaction role:

Product
 Reactant
 Reagent
 Reactant or Reagent
 Catalyst
 Solvent
 Any role

OK Cancel

Refine Substances

Refine by:

Chemical Structure
Limit results using a chemical structure.

Isotope-Containing Substances
Limit by presence of isotopic labels.

Metal-Containing Substances
Limit by presence of metals.

Commercial Availability
Limit to commercially available substances.

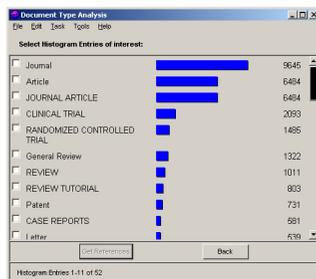
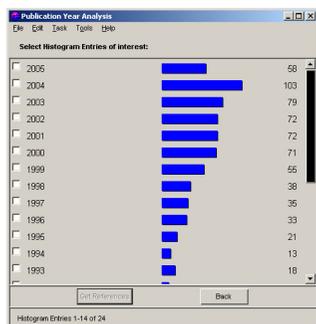
Property Data
Limit by specified property values.

Property Availability
Limit by availability of specified properties.

Reference Availability
Limit by availability of references.

Cancel





Analyze References

Analyze By:

- Author Name
- CAS Registry Number
- CA Section Title
- Company/Organization
- Database
- Document Type
- Index Term
- Journal Name
- Language
- Publication Year
- Supplementary Term

Analyze only selected documents
 Analyze all documents

Sort results alphabetically
 Sort results by frequency

OK Back

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File Edit View Task Tools Help

Mohan, Mailatur Sivaraman; Bhushan, Indu; Pergament, Edward D.; Bhagwatwar, Harshal Prabhakar. **Method of treatment for improved bioavailability.** U.S. Pat. Appl. Publ. (2005), 15 pp., Cont.-in-part of U.S. Ser. No. 893,563. CODEN: USXXCO US 20050147663 A1 20050707 AN 2005:591972 CAPLUS

Ahn, Ki-Young; Gil, Young-Sig; Yu, Chang-Hun; Kim, Hye-Kyeong; Ahn, Geon-Seok; Hong, Seok-Cheon; Yang, Geun-Woo. **Double pellet formulation of proton pump inhibitors and clarithromycin for the treatment of gastrointestinal ulcer.** PCT Int. Appl. (2005), 32 pp. CODEN: PIXXD2 WO 200505630 AN 2005:570796 CAPLUS

Thassu, Deepak; Hafez, Paul. **Multiple active drug resin conjugates.** U.S. Pat. Appl. Publ. (2005), 10 pp. CODEN: USXXCO US 20050142097 A1 20050630 AN 2005:570370 CAPLUS

Hahn, Ki-Baik; Yeo, Marie; Lee, Jong Eun. **Use of benzimidazole derivatives for the manufacture of a medicament for treating a cancer.** PCT Int. Appl. (2005), 27 pp. CODEN: PIXXD2 WO 2005053690 A1 20050616 CAN 143:53463 AN 2005:523264 CAPLUS

Liang, Likan. **Reverse micelle formulations comprising one or more surfactant, a hydrophilic phase and lipophilic or hydrophobic compounds.** PCT Int. Appl. (2005), 38 pp. CODEN: PIXXD2 WO 2005053612 A2 20050616 CAN 143:48119 AN 2005:523236 CAPLUS

Dubey, Vivek Mahendrakumar, Rao, Visingiri Venkat Ram Mohan; Deshmukh, Abhijit Mukund; Sethi, Sanjeev Kumar. **Stable oral benzimidazole compositions and processes for their preparation.** PCT Int. Appl. (2005), 46 pp. CODEN: PIXXD2 WO 2005051362 A2 20050609 CAN 143:32335 AN 2005:493495 CAPLUS

Takada, Shigeyuki; Koyama, Hiroyoshi; Hamaguchi, Tadashi. **Solid pharmaceutical formulations containing proton pump inhibitors and nonsteroidal antiinflammatory agents.** Jpn. Kokai Tokkyo Koho (2005), 15 pp. CODEN: IJXXAE ID 2005145004 A2 20050609 CAN 143:13406 AN 2005:493476 CAPLUS

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References 1-7 of 9092

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Get histograms of the year, corporate sources, authors, etc.
- Refine
Go to refine options without analyzing the answer set.

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Refine

Refine By:

- Research Topic
Limit to literature relevant to a topic of interest.
- Company Name
Limit to literature from a specific organization.
- Author Name
Limit to literature written by a specific author.
- Publication Year
Limit to literature from a year or range.
- Document Type
Limit to only Patents, Journals, or other types.
- Language
Limit to literature written in specific languages.
- Database
Limit to literature from specific databases.
- Full Text Availability
Limit to literature available in full text.

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Get Related Information

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- Cited References
Get references cited in the selected document(s)
- Citing References
Get references that cite the selected document(s)
- Substances
Get substances indexed in the selected document(s)
- Reactions
Get reactions indexed in the selected document(s)

Cancel

Janela de resultados:
Referências



Janela de resultados: Reações

Product	Reactions
Reactant	References
Reagent	Substance Detail
Reactant or Reagent	Commercial Sources
Catalyst	Regulatory Information
Solvent	
Any role	

Detail of Reference for Reaction 2

File Edit Help

Bibliographic Information

Simple preparation of nitrosobenzenes and nitrobenzenes by oxidation of anilines with H2O2 catalyzed with molybdenum salts. Defoin, Albert. Laboratoire de Chimie Organique et Bioorganique, UMR 7015, Ecole Nationale Supérieure de Chimie de Mulhouse, Université de Haute-Alsace, Mulhouse, Fr. *Synthesis* (2004), (5), 706-710. CODEN: SYNTBF ISSN: 0039-7881. Journal written in English. CAN 141:23226 AN 2004:302611 CAPLUS

Abstract

Nitrosoarenes were prep'd. in good yields from anilines by oxidn. with H2O2 catalyzed with MoO3/KOH, ammonium molybdate, or other molybdenum salts. Further oxidn. to nitroarenes is also described.

Indexing -- Section 25-6 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)

Get Related... Close

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File Edit View Task Tools Help

Reactants: 1, Reagents: 2, Catalysts: 1, Solvents: 2, Steps: 1, Stages: 1

[Chemistry \(Rajkot, India\), 1\(3\), 167-170, 2003](#)
CASREACT

NOTE: Reactants: 1, Reagents: 1, Catalysts: 3, Solvents: 2, Steps: 2, Stages: 4, Most stages in any one step: 3

[Synthesis, \(5\), 706-710, 2004](#)
CASREACT

1.1 R: W, R: t-BuOH

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Reactions 1-3 of 32

Iniciar SciFinder Scholar 17 - Paint 12:09

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- Defoin, Albert. **Simple preparation of nitrosobenzenes and nitrobenzenes by oxidation of anilines with H2O2 catalyzed with molybdenum salts.** *Synthesis* (2004), (5), 706-710. CODEN: SYNTBF ISSN: 0039-7881. CAN 141:23226 AN 2004:302611 CAPLUS
- Tayebee, Reza. **Selective oxidation of aniline to nitrosobenzene with aqueous hydrogen peroxide catalyzed by various heteropolyoxometalates.** *Chemistry (Rajkot, India)* (2003), 1(3), 167-170. CODEN: CHEMCT CAN 141:175766 AN 2003:994177 CAPLUS
- Hagitani, Hirotochi. **Preparation of aromatic nitro, nitroso, or azoxy compounds from amines.** *Jpn. Kokai Tokkyo Koho* (2003), 9 pp. CODEN: JKXXAF JP 2003261516 A2 20030919 CAN 139:245767 AN 2003:734738 CAPLUS
- Ruther, Thomas; Jackson, W. Roy; Bond, Alan M. **Dawson-type heteropolyoxometalates [R4N]4[S2M18O62] (M = W, Mo) as catalysts for the homogeneous phase H2O2 oxidation of organic substrates.** *Australian Journal of Chemistry* (2003), 56(11), 601-604. CODEN: AJCHAS

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Analyze Reactions

Analyze By:

Catalyst Number of Steps in Reaction

Solvent Product Yield

Author Journal Name

Company/Organization Language

Document Type Publication Year

Analyze only selected reactions

Analyze all reactions

Sort results alphabetically

Sort results by frequency

OK Back

Refine by Reaction

Refine by:

Chemical Structure
Limit results using a chemical structure.

Product Yield
Limit results by product yield.

Number of Steps
Limit results by number of steps.

Reaction Classification
Limit results by reaction classification.

Cancel

