

Search for drug names in Embase

TOPIC: I have the brand name of a drug, and I realize that without the preferred generic name or laboratory code I will miss a lot of important articles in the biomedical literature. How can I find comprehensive synonyms for drug brand names in the biomedical literature?

Embase® is one of the leading sources for searching the biomedical literature. It is especially strong in reporting all aspects of medical and pharmaceutical information. The Embase thesaurus, Emtree, consists of more than 60,000 medical terms, drug names, acronyms, MeSH® subject headings and spelling variations. Embase also indexes more than 260,000 synonyms, with over 172,000 drugs and chemicals, which as non-preferred terms, point to the preferred term. Such pointers include the drug brand name, chemical names, other generic names, laboratory codes, CAS® Registry Numbers and MeSH terms. Embase uses the International Nonproprietary Nomenclature (INN) generic names as its preferred drug terms. This is a key difference from **MEDLINE®**, which indexes the United States Adopted Names (USAN) as its preferred terms. For example, Embase prefers paracetamol for Tylenol® and MEDLINE indexes acetaminophen.

Using the ProQuest Dialog thesaurus helps you find the preferred term and by clicking a checkbox for Explode obtain narrower terms.

COMMAND SUMMARY





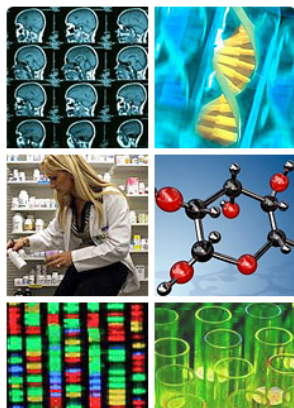
Topic: In this application you will search for articles about Rocephin as a treatment for amyotrophic lateral sclerosis (ALS). All you have is the brand name Rocephin.

Select databases: Embase

Search strategy

Find Embase on the Home page	
Choose Advanced Search	
Click Thesaurus	
Enter drug name	Rocephin
Click Find	Click link to rocephin.
	Check box for the preferred term: ceftriaxone Deselect Explode and check Major Press Add to search
Search statement created on Advanced Search form on line 1	MJEMB.EXACT(“ceftriaxone”)
Add additional synonyms for rocephin on line 2. Change the drop-down AND to OR	OR “ro 13 9904 or ro 139904 or rocefin or rocephin or rocephine
Press Preview result counts	
Enter additional statement and press Search	S1 AND amyotrophic lateral sclerosis or als or mjemb(amyotrophic lateral sclerosis))
Press Search	
Preview, Select to view records	
Export/Save in PDF, HTML, RTF or Text to include search strategy.	

SOLUTION – ADVANCED SEARCH

<p>1. From the Home screen, scroll down to Pharmaceutical & Biomedical databases. Click Embase.</p>	<p>Pharmaceutical & Biomedical search ></p>  <p>Databases</p> <ul style="list-style-type: none">Adis Clinical Trials InsightAdis Pharmacoeconomics & Outcomes NewsAdis R&D InsightAdis Reactions DatabaseAllied & Complementary Medicine™Analytical AbstractsBIOSIS Previews®British Library Inside ConferencesBritish Nursing IndexCAB ABSTRACTSChemical Engineering & Biotechnology AbstractsChemical Safety NewsbaseCurrent Contents® SearchDerwent Biotechnology ResourceDerwent Drug FileDerwent Drug RegistryDIOGENES® FDA Regulatory UpdatesDrug Information FulltextEi Compendex®Embase®Embase® AlertEMCare®ESPICOM Pharmaceutical & Medical Device NewsFDAnews
<p>2. Click Advanced search.</p>	<p> Embase® Basic Search Advanced ▼ Command Line  Pricing</p> <p><input type="text"/> Advanced search </p> <p>Embase® Embase® provides bibliographic citations and abstracts to comprehensive literature on drugs and pharmacology, and all other aspects of human medicine and related disciplines. The emphasis of the database is on the pharmacological effects of drugs and chemicals. Additional areas of coverage are human medicine and biological sciences relevant to human medicine, health affairs, drug and alcohol dependence, psychiatry, forensic science, pollution control, biotechnology, medical devices and alternative medicine. Embase® is published with data from 1947. Shorter date-ranges are presented in some cases, based on subscription.</p> <p>You have access to:</p> <ul style="list-style-type: none">Embase®; 1947 to date 

3. In Advanced Search, to find preferred terms, click **Thesaurus**.

Enter your drug name.

Press **Find**. Terms appear. Click rocephin.

Thesaurus - Embase® - ProQuest Dialog - Mozilla Firefox

search.aa1.proquest.com/professional/embase/thesaurus/browsepage/.../queryTermField/false?accountid=130279

EMBASE 2012 thesaurus

Search terms:

Contains word(s) Begins with

Browse terms: [Root](#) [0-9](#) [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

rocephin

rocephin biochemie
rocephin im convenience kit
rocephin kit
rocephin roche
rocephin with dextrose

Explode Major

Combine using: OR AND NOT

0 terms selected view

Thesaurus | Field codes | Search tips

All fields + text
All fields + text
All fields + text

Males

Search by industry

Use search forms customized for each industry.

- Automotive
- Aerospace & Defense
- Chemistry
- Diagnostics & Medical Devices
- Energy & Environment

4. Emtree points to ceftriaxone as the preferred term for Rocephin. Check the box for Major (subject). Since there are no narrower terms leave Explode blank.

Click **Add to search**.

Note: if narrower terms had appeared, you could have included all of them by checking **Explode** to include all narrower terms.

Thesaurus - Embase® - ProQuest Dialog - Mozilla Firefox

search.aa1.proquest.com/professional/embase/thesaurus/browsepage/.../queryTermField/false?accountid=139377

EMBASE 2012 thesaurus

Search terms:

Contains word(s) Begins with

Browse terms: [Root](#) [0-9](#) [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

Hierarchical view | Relational view

	Explode	Major
<input type="checkbox"/> Root of EMBASE 2012 thesaurus	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> chemicals and drugs	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> antineoplastic agent	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> antibiotic agent	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> beta lactam antibiotic	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> cephalosporin derivative	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> ceftriaxone (use for - rocephin)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Combine using: OR AND NOT

2 terms selected view

Cost Estimate | Preferences | English | Help

Thesaurus | Field codes | Search tips

All fields + text
All fields + text
All fields + text

Males

Search by industry

Use search forms customized for each industry.

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- Energy & Environment

5. Read the scope notes by clicking the yellow sticky pad. Make note of additional relevant synonyms.

6. Press **Add to search**.

7. Your search strategy automatically appears in the first search box, limited to the major Subject terms.

On the second line, change the drop-down to OR and enter relevant synonyms for the drug name, which you found in the scope notes.

Press **Preview result counts**.

8. You created Set 1 (S1) shown below in Recent Searches.

Narrow the search by combining disease terms with S1 and press **Search** to proceed to the Results page where you can browse titles of the records retrieved.

The search for disease terms include both free-text and the Emtree term for the disease as a major descriptor: mjemb(amyotrophic lateral sclerosis).

Set	Search	Databases	Results	Actions
S1	MJEMB_EXACT("ceftriaxone") OR ("ro 13 9904 or ro 139904 or rocefin or rocephin or rocephine") Databases: Embase®	Embase®	7723*	Actions

* Duplicates removed. Result numbers at or under 5000 do not count removed duplicates. Over 5000, removed duplicates are counted.

7. Results display. Preview records by clicking **Preview**.

Note: You can also save the search or create an Alert or RSS feed.

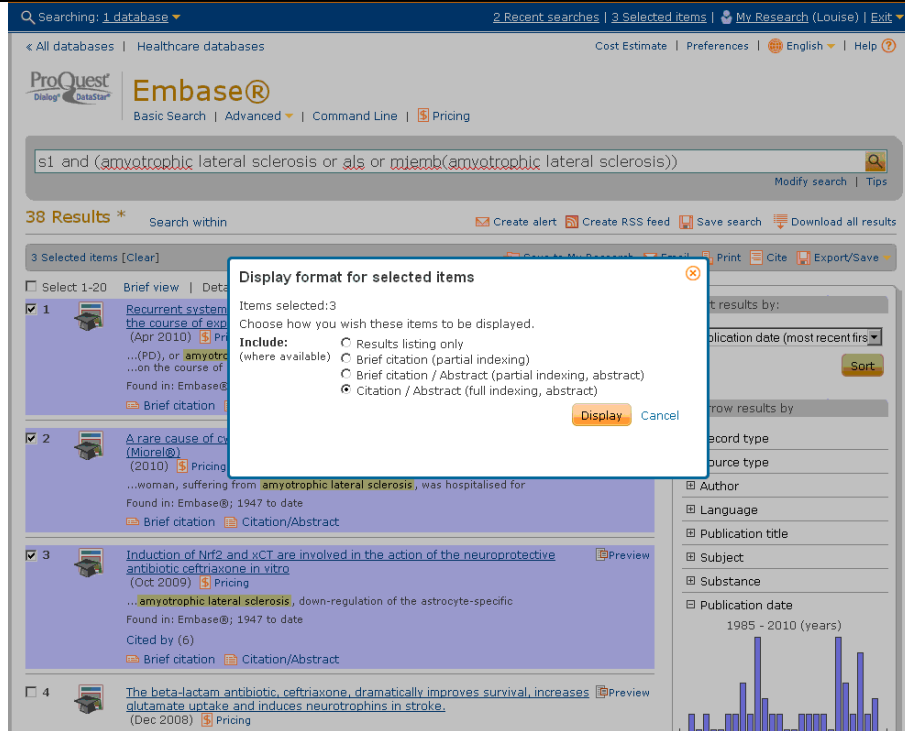
8. You can change the Sort option to view the latest records first. **Sort results by Relevance** is the default.

Under **Narrow Results by**, click the + sign next to Publication title if you wish to narrow further to one or more publication titles.

Check records to view when ready. Then click **Selected items**.

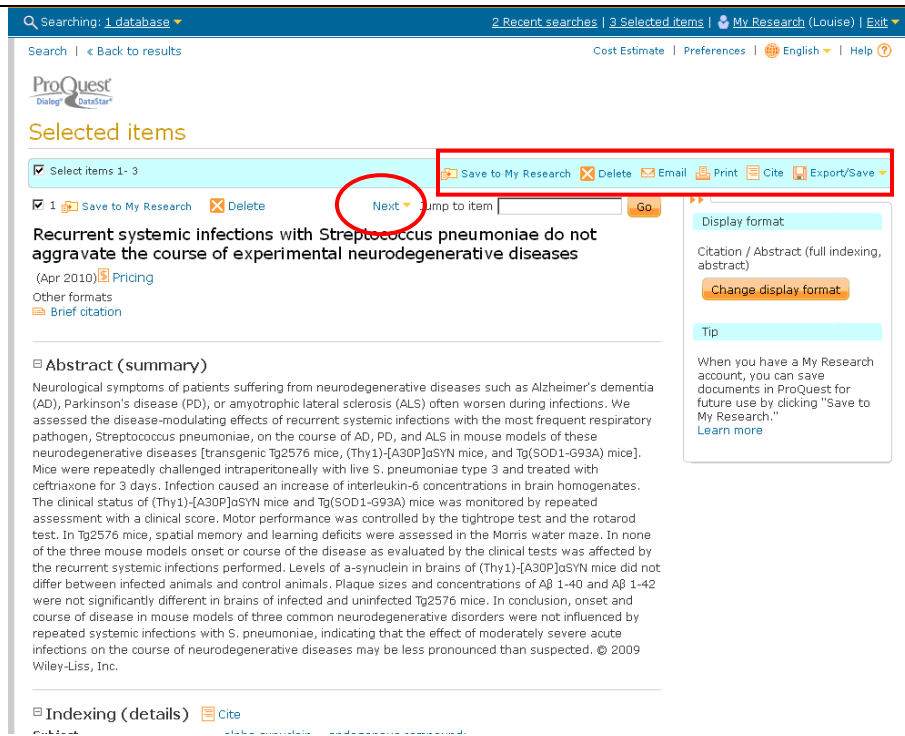
9. Choose how much of the records you wish to view and press **Display**.

Transactional customers will see a Price Preview. They can press Continue if they wish to proceed to display the records.



10. The first record selected displays. To go to the next record click **Next**.

You can **email, print, cite, and export** or **Save** to a software application such as Excel, PDF, HTML, Rich Text Format or text. You will be able to include your search strategy when you **Export/Save to PDF, HTML, Rich Text Format or Text only**.



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