

Polyéthylène glycol

Topic:	Polyéthylène glycol	
Source file:	RAMEAU - Source record	
Field:	Chimie, Pharmacie	
Variant headings:	subject	<p>Macrogol</p> <p>Oxyde de polyéthylène</p> <p>PEG</p> <p>See more</p>

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related to this theme

Broader concept (4)

- [Éthylène glycol](#)
- [Excipients](#)
- [Laxatifs](#)
- [Surfactants](#)

Related Terms (2)

- [Oxyde d'éthylène](#)
- [Pégylation](#)

Documents on this topic

livres

livres (3)

- **Capture and utilization of carbon dioxide with polyethylene glycol**
Material description:1 ressource dématérialisée
Note:Note : Includes bibliographical references
Edition:Heidelberg ; New York : Springer , cop. 2012
Link: [catalogue](#)
- **Microbial and Eznymatic Bioproducts**
Material description:1 ressource dématérialisée
Edition:Berlin, Heidelberg : Springer Berlin Heidelberg , 1995
Link: [catalogue](#)
- **PEGylated protein drugs**
basic science and clinical applications
Material description:1 ressource dématérialisée
Note:Note : Includes bibliographical references and index
Abstract:PEGylated Protein Drugs: Basic Science and Clinical Applications describes the basic technologies and the major results obtained with the PEGylation technique, the covalent binding to proteins, peptides and small organic molecules of the hydrophilic and biocompatible polymer poly(ethylene glycol) to improve their therapeutic efficacy. The book results from the collaboration of recognized experts from academia and industry, working on various aspects of the PEGylation technology. The first chapters provide general information on the physicochemical, pharmacokinetic, immunogenic and toxicological properties of PEG and PEG-conjugates. The classical and more advanced chemical strategies for linking PEG to protein drugs are described as well as novel enzyme-catalysed approaches. Further chapters are devoted to important PEGylated products, namely PEG conjugates of enzymes, cytokines, antibodies or synthetic organic molecules already on the market or in an advanced state of clinical experimentation. Guidelines for the approval by the Health Agencies of these new nanomedicines are also reported as a last chapter. Therefore, this book may be a unique instrument for a thorough review of the strategy, advantages and limitations of all aspects of drug PEGylation as well as a stimulation for researchers to develop new exploitations of this technology. It is of interest to physicians, biochemists, pharmacologists and chemists
Edition:Basel ; Boston : Birkhäuser , cop. 2009
Link: [catalogue](#)

Pages in data.bnf.fr

This page in data.bnf.fr lab

[Polyéthylèneglycol in the data.bnf.fr Labs pages](#)

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Sources and references

Link to the main catalogue

<https://catalogue.bnf.fr/ark:/12148/cb12317282k>

Sources

GDEL

DCI/OMS, 1996 : Macrogol

Dorosz, 2003

Variant subject headings

Macrogol

Oxyde de polyéthylène

PEG

Polyéthylène glycol

Polyoxyde d'éthylène

Polyoxyéthylène

Polyoxy(éthylène)