

NIH U.S. National Library of Medicine National Center for Biotechnology Information



Search Compounds

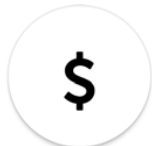


Compound Summary for CID 55245

Mifepristone

[▶ Cite this Record](#)


STRUCTURE



VENDORS



DRUG INFO



PHARMACOLOGY



LITERATURE



PATENTS



BIOACTIVITIES

PubChem CID: 55245**Chemical Names:** Mifepristone; 84371-65-3; Mifeprex; Mifegyne; RU-486; Mifepriston [More...](#)**Molecular Formula:** [C₂₉H₃₅NO₂](#)**Molecular Weight:** 429.604 g/mol**InChI Key:** VKHAHZOUSRJNA-GCNJZUOMSA-N**Drug Information:**[Drug Indication](#)[Therapeutic Uses](#)[Clinical Trials](#)[FDA Orange Book](#)[FDA UNII](#)**Safety Summary:** [Laboratory Chemical Safety Summary \(LCSS\)](#)

Mifepristone is a progestational and glucocorticoid hormone antagonist. Its inhibition of progesterone induces bleeding during the luteal phase and in early pregnancy by releasing endogenous prostaglandins from the endometrium or decidua. As a glucocorticoid receptor antagonist, the drug has been used to treat hypercortisolism in patients with nonpituitary CUSHING SYNDROME.

▶ *from MeSH*

Mifepristone is a Progestin Antagonist. The mechanism of action of mifepristone is as a Progestational Hormone Receptor Antagonist.

▶ *FDA Pharmacology Summary from FDA Pharm Classes*

Mifepristone is a derivative of the synthetic progestin [norethindrone](#) with antiprogestosterone activity. Mifepristone competitively binds to the [progesterone](#) receptor, resulting in inhibition of the effects of endogenous or exogenous [progesterone](#). This agent also exhibits antigluccorticoid and weak antiandrogenic activities.

► *Pharmacology from NCI*

[PUBCHEM](#) ► [COMPOUND](#) ► MIFEPRISTONE

Modify Date: 2018-01-06; Create Date: 2005-06-24

Contents

1 2D Structure

2 3D Conformer

3 Names and Identifiers

4 Chemical and Physical Properties

5 Related Records

6 Chemical Vendors

7 Drug and Medication Information

8 Pharmacology and Biochemistry

9 Use and Manufacturing

10 Safety and Hazards

11 Toxicity

12 Literature

13 Patents

14 Biomolecular Interactions and Pathways

15 Biological Test Results


16 Classification

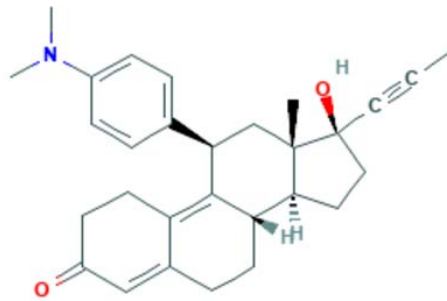
17 Information Sources

1 2D Structure

 Search

 Download

 Get Image



 Magnify

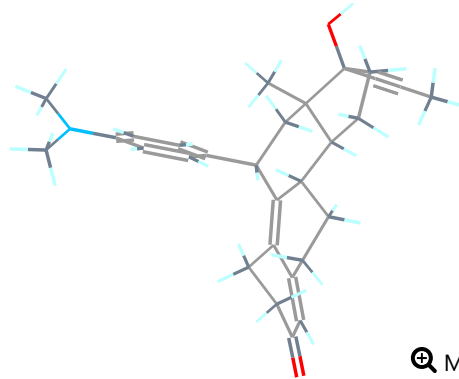
▶ from PubChem

2 3D Conformer

 Search

 Download

 Get Image



 Magnify

Show Hydrogens

Show Atoms

Animate

▶ *from PubChem*

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.