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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Mifepristone (RU486)

Glucocorticoid antagonist
Catalog No. SIH-211



Discovery through partnership | Excellence through quality

Overview

Product Name

Mifepristone (RU486)

Description

Glucocorticoid antagonist

Purity

>98%

CAS No.

84371-65-3

Molecular Formula

C17H19NO1

Molecular Weight

429.6

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 100 mM in DMSO, and to 50 mM in ethanol

Source

Synthetic

Appearance

Yellow solid

SMILES

CC#C[C@@]1(CC[C@@H]2[C@@]1(CC[C@@H](C3=C4CCC(=O)C=C4CC[C@@H]23)C5=CC=C(C=C5)N(C)C)C)O

InChi

InChi=1S/C29H35NO2/c1-5-15-29(32)16-14-26-24-12-8-20-17-22(31)11-13-23(20)27(24)25(18-28(26,29)2)19-6-9-21(10-7-19)30(3)

InChIKey

VKHAHZOUSRJNA-GCNJZUOMSA-N

Safety Phrases

Classification: Harmful. May be harmful if inhaled, swallowed or absorbed through skin.

Safety Phrases:

S22 - Do not breathe dust

S24/25 - Avoid contact with skin and eyes

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

Risk Phrases:

R60- May impair fertility

R61- May cause harm to the unborn child

Hazard Phrases:

H360

Precautionary Phrases:

P201-P308 + P313

Cite This Product

Mifepristone (RU486) (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-211)

Biological Description

Alternative Names

(11?,17?)-11-[4-(Dimethylamino)phenyl]-17-hydroxy-17-(1-propyn-1-yl)estra-4,9-dien-3-one, RU486, RU 38486

Research Areas

Cancer, Apoptosis

PubChem ID

55245

Scientific Background

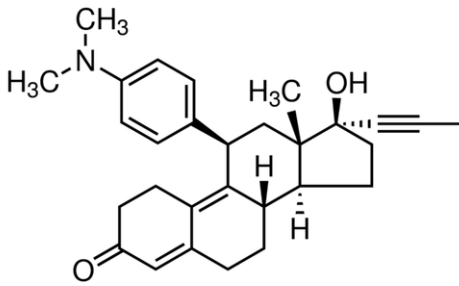
Mifepristone is a progesterone receptor antagonist used as an abortifacient. It is also an antiglucocorticoid and an antiandrogen. Its relative binding affinity at the progesterone receptor is twice that of progesterone, its affinity at the glucocorticoid receptor is 3x that of dexamethasone, and more than 10 times that of cortisol (1).

References

1. Heikinheim O., Kekkonen R. and Lahteenmaki P. (2003) Contraception. 68(6): 421-426.

Product Images

Chemical structure of Mifepristone (RU486) (SIH-211), a Glucocorticoid antagonist.
CAS #: 84371-65-3. Molecular Formula: C₂₉H₃₅NO₂ . Molecular Weight: 429.6 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.