Mifepristone (RU486) ab120356

Overview

Product name: Mifepristone (RU486)
Description: PR and GR antagonist
Biological description: A cell-permeable synthetic steroid that acts as a potent selective antagonist of progesterone (PR) and glucocorticoid (GR) receptors in vitro and in vivo. Acts as a silent antagonist at PR and has a higher affinity than progesterone.
Purity: > 99%

Properties

Chemical name: (11β,17β)-11-[4-(Dimethylamino)phenyl]-17-hydroxy-17-(1-propynyl)-estra-4,9-dien-3-one
Molecular weight: 429.60
Chemical structure:

![Chemical structure of Mifepristone (RU486)](image_url)

Molecular formula: C_{29}H_{35}NO_{2}
CAS Number: 84371-65-3
PubChem identifier: 55245
Storage instructions: Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview: Soluble in DMSO to 100 mM and in ethanol to 50 mM
Handling:

Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES:

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Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
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