

Mifepristone (RU486), Glucocorticoid antagonist

Catalog	Unit
TBI1053-100MG	100 mg
TBI1053-500MG	500 mg

Product Details

Formal Name: 11 β -[4-(Dimethylamino)phenyl]-17 β -hydroxy-17-(1-propynyl)estra-4,9-dien-3-one

Alternate Names: RU486

Molecular Formula: C₂₉H₃₅NO₂

Formula Weight: 429.59

CAS Number: 84371-65-3

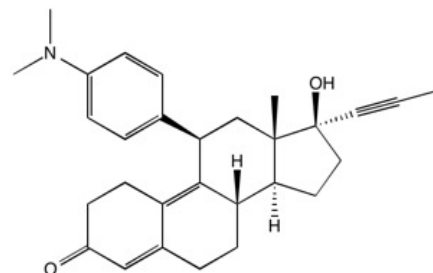
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 40 mg/ml) or in Ethanol (up to 20 mg/ml).

Storage: RT

Stability: \geq 1 year.



Applications

Glucocorticoid antagonist

Functions

Mifepristone is a cell-permeable steroid that is a potent antagonist at the progesterone and glucocorticoid receptors. It is used clinically as an abortifacient. KD progesterone receptor = 2.6 nM and KD glucocorticoid receptor = 0.4 nM.

Application Procedures

First dissolved in DMSO (up to 40 mg/ml) or in Ethanol (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or Ethanol may be stored at -20°C for up to 3 months.

For research use only.