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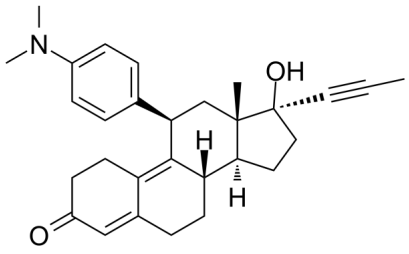
Certificate of Analysis

Catalog Number	BP12852
Product Name	Mifepristone

Physical and Chemical Properties

Synonyms	RU486, C-1073, RU 38486
CAS No.	84371-65-3
Chemical Formula	C29H35NO2
Molecular Weight	429.6
Solubility	Ethanol: 21.5 mg/mL (50 mM)), with gentle warming DMSO: 43 mg/mL (100 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Mifepristone is a Progestin Antagonist. The mechanism of action of mifepristone is as a Progestational Hormone Receptor Antagonist.
Targets&IC50	Progesterone receptor:0.2 nM, Glucocorticoid receptor:2.6 nM

Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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