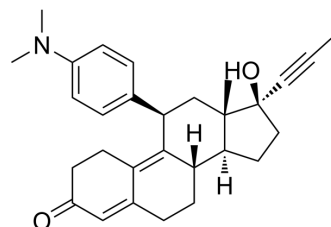


Mifepristone (Standard)

Cat. No.:	HY-13683R
CAS No.:	84371-65-3
Molecular Formula:	C ₂₉ H ₃₅ NO ₂
Molecular Weight:	429.59
Target:	Progesterone Receptor; Glucocorticoid Receptor; Autophagy; NO Synthase
Pathway:	Vitamin D Related/Nuclear Receptor; Immunology/Inflammation; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (232.78 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		2.3278 mL	11.6390 mL	23.2780 mL
	5 mM		0.4656 mL	2.3278 mL	4.6556 mL
	10 mM		0.2328 mL	1.1639 mL	2.3278 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Mifepristone (Standard) is the analytical standard of Mifepristone. This product is intended for research and analytical applications. Mifepristone (RU486) is a progesterone receptor (PR) and glucocorticoid receptor (GR) antagonist with IC₅₀s of 0.2 nM and 2.6 nM in in vitro assay^[1].

CUSTOMER VALIDATION

- Sci Transl Med. 2020 May 6;12(542):eaba0769.
- Acta Pharm Sin B. 2023 May 15.
- Cell Rep. 2023 Nov 6;42(11):113387.
- Oncogene. 2021 Sep;40(35):5367-5378.
- Br J Pharmacol. 2021 Aug;178(15):2976-2997.

See more customer validations on www.MedChemExpress.com

Caution: Product has not been fully validated for medical applications. For research use only.

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