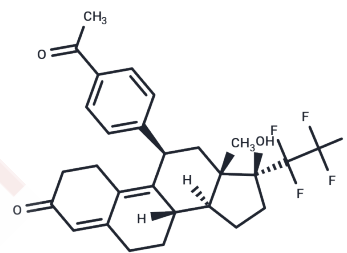


Lonaprisan

Chemical Properties

CAS No. :	211254-73-8
Formula:	C ₂₈ H ₂₉ F ₅ O ₃
Molecular Weight:	508.52
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Lonaprisan is an orally bioavailable pentafluoroethyl derivative of a mifepristone-related steroid with antiprogestagenic activity. Lonaprisan is a pure, highly receptor-selective progesterone receptor (PR) antagonist; binding of this agent to PRs inhibits PR activation and the associated proliferative effects. Unlike many other antiprogestins such as mifepristone, this agent does not appear to convert to an agonist in the presence of protein kinase A (PKA) activators and shows high antiprogestagenic activity on both progesterone receptor (PR) isoforms PR-A and PR-B.
Targets(IC50)	Others, Progesterone Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9665 mL	9.8325 mL	19.6649 mL
5 mM	0.3933 mL	1.9665 mL	3.933 mL
10 mM	0.1966 mL	0.9832 mL	1.9665 mL
50 mM	0.0393 mL	0.1966 mL	0.3933 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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