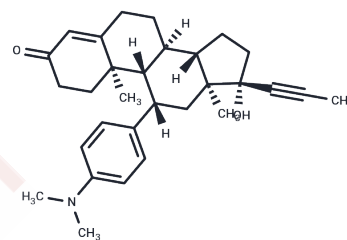


OP-3633

Chemical Properties

CAS No. : 2102494-14-2
 Formula: C₃₀H₃₉NO₂
 Molecular Weight: 445.64
 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	OP-3633 is an effective and selective steroidal glucocorticoid receptor (GR) antagonist (IC ₅₀ : 29 nM). OP-3633 shows low progesterone receptor (PR) agonism and androgen receptor (AR) antagonism. It also has an inhibition of GR transcriptional activity.
Targets(IC ₅₀)	Glucocorticoid Receptor,Others
In vitro	OP-3633 shows low progesterone receptor (PR) agonism (EC ₅₀ >2500 nM). OP-3633 displays low androgen receptor (PR) antagonism (IC ₅₀ : 1135 nM)[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.244 mL	11.2198 mL	22.4396 mL
5 mM	0.4488 mL	2.244 mL	4.4879 mL
10 mM	0.2244 mL	1.122 mL	2.244 mL
50 mM	0.0449 mL	0.2244 mL	0.4488 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.

Reference

Du X, et al. Discovery of a Potent Steroidal Glucocorticoid Receptor Antagonist with Enhanced Selectivity against the Progesterone and Androgen Receptors (OP-3633). J Med Chem. 2019 Jul 25;62(14):6751-6764.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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