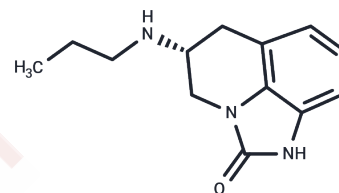


U91356

Chemical Properties

CAS No. : 152886-85-6
 Formula: C₁₃H₁₇N₃O
 Molecular Weight: 231.29
 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	U91356 is an agonist of the dopamine receptors.
Targets(IC50)	Dopamine Receptor
In vivo	U91356 is agonist of dopaminergic, and in the rat and monkey has good metabolic stability and oral bioavailability [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3236 mL	21.6179 mL	43.2358 mL
5 mM	0.8647 mL	4.3236 mL	8.6472 mL
10 mM	0.4324 mL	2.1618 mL	4.3236 mL
50 mM	0.0865 mL	0.4324 mL	0.8647 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

- Kreiss DS, et al. Dopamine receptor agonist potencies for inhibition of cell firing correlate with dopamine D3receptor binding affinities. *Eur J Pharmacol.* 1995 Apr 24;277(2-3):209-14.
 Moon MW, et al. Medicinal chemistry of imidazoquinolinone dopamine receptor agonists. *Drug Des Discov.* 1993;9 (3-4):313-22.

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