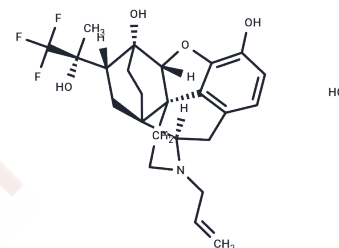


Opioid receptor antagonist 1

Chemical Properties

CAS No. :	1559075-15-8
Formula:	C ₂₄ H ₂₉ ClF ₃ NO ₄
Molecular Weight:	487.94
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	Opioid receptor antagonist 1 (Compound 10) is an Orvinol-based antagonist of opioid receptors. It exhibits activity as an antagonist against the analgesic properties of morphine.
Targets(IC50)	Opioid Receptor
In vivo	An opioid receptor antagonist 1 administered subcutaneously at doses of 0.1-10 mg/kg inhibits morphine-induced analgesia in mice in a dose-dependent manner (tail-flick test) [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0494 mL	10.2472 mL	20.4943 mL
5 mM	0.4099 mL	2.0494 mL	4.0989 mL
10 mM	0.2049 mL	1.0247 mL	2.0494 mL
50 mM	0.041 mL	0.2049 mL	0.4099 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

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