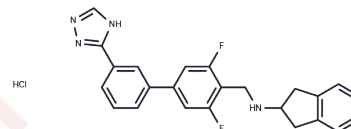


GSK1521498 free base (hydrochloride)

Chemical Properties

CAS No. :	1007578-24-6
Formula:	C ₂₄ H ₂₁ ClF ₂ N ₄
Molecular Weight:	438.9
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	GSK1521498 free base (hydrochloride) is a selective μ -opioid receptor (MOR) antagonist used to treat compulsive consumption disorders involving food, alcohol, and drugs.
Targets(IC50)	Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2784 mL	11.3921 mL	22.7842 mL
5 mM	0.4557 mL	2.2784 mL	4.5568 mL
10 mM	0.2278 mL	1.1392 mL	2.2784 mL
50 mM	0.0456 mL	0.2278 mL	0.4557 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

Giuliano C, et al. The Novel μ -Opioid Receptor Antagonist GSK1521498 Decreases Both Alcohol Seeking and Drinking: Evidence from a New Preclinical Model of Alcohol Seeking. *Neuropsychopharmacology*. 2015 Dec;40 (13):2981-92.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481