

GSK1521498

Chemical Properties

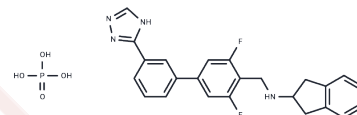
CAS No. : 1426543-84-1

Formula: C₂₄H₂₃F₂N₄O₄P

Molecular Weight: 500.43

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 is a selective antagonist of the μ -opioid receptor (MOR). It is being used for the treatment of disorders of compulsive consumption of food, alcohol, and drugs.
Targets(IC50)	Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9983 mL	9.9914 mL	19.9828 mL
5 mM	0.3997 mL	1.9983 mL	3.9966 mL
10 mM	0.1998 mL	0.9991 mL	1.9983 mL
50 mM	0.040 mL	0.1998 mL	0.3997 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

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