

GSK-364735

Chemical Properties

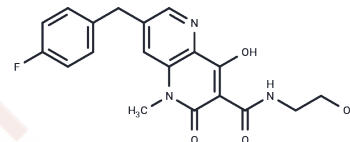
CAS No. : 863434-13-3

Formula: C₁₉H₁₈FN₃O₄

Molecular Weight: 371.36

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	GSK-364735 is a human immunodeficiency virus type 1 integrase (HIV-1 IN) inhibitor with antiviral activity and is used in the study of retroviral infections.
Targets(IC50)	HIV Protease
In vitro	GSK-364735 is a potent anti-human immunodeficiency virus type 1 (HIV-1) drug that inhibits viral integrase with an inhibitory half concentration (IC50) of 8 nM. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6928 mL	13.464 mL	26.928 mL
5 mM	0.5386 mL	2.6928 mL	5.3856 mL
10 mM	0.2693 mL	1.3464 mL	2.6928 mL
50 mM	0.0539 mL	0.2693 mL	0.5386 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

Garvey EP, et al. The naphthyridinone GSK364735 is a novel, potent human immunodeficiency virus type 1 integrase inhibitor and antiretroviral. *Antimicrob Agents Chemother.* 2008 Mar;52(3):901-8.

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