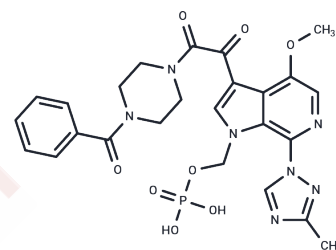


Fostemsavir

Chemical Properties

CAS No. :	864953-29-7
Formula:	C ₂₅ H ₂₆ N ₇ O ₈ P
Molecular Weight:	583.49
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	Fostemsavir (BMS-663068) is an HIV-1 attachment inhibitor in development for the treatment of HIV-1 infection.
Targets(IC50)	HIV Protease

Solubility Information

Solubility	DMSO: 255 mg/mL (437.03 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7138 mL	8.5691 mL	17.1383 mL
5 mM	0.3428 mL	1.7138 mL	3.4277 mL
10 mM	0.1714 mL	0.8569 mL	1.7138 mL
50 mM	0.0343 mL	0.1714 mL	0.3428 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

Nowicka-Sans B, et al. In vitro antiviral characteristics of HIV-1 attachment inhibitor BMS-626529, the active component of the prodrug BMS-663068. Antimicrob Agents Chemother. 2012 Jul;56(7):3498-507.

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