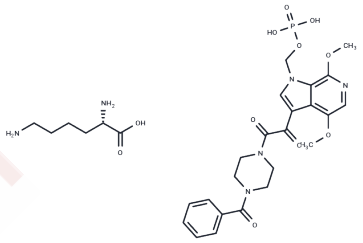
Data Sheet (Cat.No.T25166)

TargetMol

BMS-663749 lysine

Chemical Properties



CAS No. : 864953-34-4

Formula: C29H39N6O11P

Molecular Weight: 678.63

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	BMS-663749 lysine is used as a phosphonooxymethyl prodrug 4 for HIV-1 attachment inhibitor.
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4736 mL	7.3678 mL	14.7356 mL
5 mM	0.2947 mL	1.4736 mL	2.9471 mL
10 mM	0.1474 mL	0.7368 mL	1.4736 mL
50 mM	0.0295 mL	0.1474 mL	0.2947 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

Kadow JF, Ueda Y, Meanwell NA, Connolly TP, Wang T, Chen CP, Yeung KS, Zhu J, Bender JA, Yang Z, Parker D, Lin PF, Colonno RJ, Mathew M, Morgan D, Zheng M, Chien C, Grasela D. Inhibitors of human immunodeficiency virus type 1 (HIV-1) attachment 6. Preclinical and human pharmacokinetic profiling of BMS-663749, a phosphonooxymethyl prodrug of the HIV-1 attachment inhibitor 2-(4-benzoyl-1-piperazinyl)-1-(4,7-dimethoxy-1H-pyrrolo[2,3-c]pyridin-3-yl)-2-oxo ethanone (BMS-488043). J Med Chem. 2012 Mar 8;55(5):2048-56. doi: 10.1021/jm201218m. Epub 2012 Feb 22. PubMed PMID: 22356441.

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