

BMS-955176 TFA

Chemical Properties

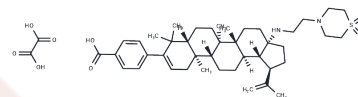
CAS No. : 2097784-79-5

Formula: C44H64N2O8S

Molecular Weight: 781.06

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	GSK3532795 is an orally active inhibitor of HIV-1 maturation. GSK3532795 combines broad coverage of polymorphic viruses (EC50: 15 nM toward a panel of common polymorphisms representative of 96.5% HIV-1 subtype B virus) with a favorable pharmacokinetic profile in preclinical species.
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2803 mL	6.4016 mL	12.8031 mL
5 mM	0.2561 mL	1.2803 mL	2.5606 mL
10 mM	0.128 mL	0.6402 mL	1.2803 mL
50 mM	0.0256 mL	0.128 mL	0.2561 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

Ortiz A, Soumeillant M, Savage SA, Strotman NA, Haley M, Benkovics T, Nye J, Xu Z, Tan Y, Ayers S, Gao Q, Kiau S. Synthesis of HIV-Maturation Inhibitor BMS-955176 from Betulin by an Enabling Oxidation Strategy. *J Org Chem*. 2017 May 5;82(9):4958-4963. doi: 10.1021/acs.joc.7b00438. Epub 2017 Apr 19. PubMed PMID: 28406018.

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