

Des(benzylpyridyl) Atazanavi

Chemical Properties

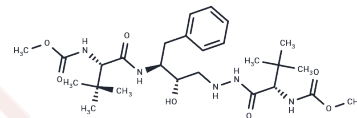
CAS No. : 1192224-24-0

Formula: C₂₆H₄₃N₅O₇

Molecular Weight: 537.65

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	The N-dealkylated metabolite (M1) of Atazanavir, a HIV protease inhibitor.
Targets(IC50)	HIV Protease, Drug Metabolite

Solubility Information

Solubility	DMSO: 50 mg/mL (93 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8599 mL	9.2997 mL	18.5995 mL
5 mM	0.372 mL	1.8599 mL	3.7199 mL
10 mM	0.186 mL	0.930 mL	1.8599 mL
50 mM	0.0372 mL	0.186 mL	0.372 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

Gianotti N, et al. New Microbiol. 2007 Apr;30(2):79-88.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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