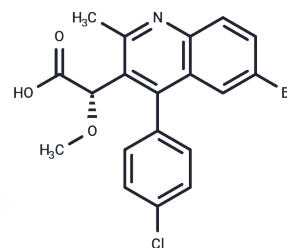


(S)-BI-1001

Chemical Properties

CAS No. : 957889-73-5
 Formula: C₁₉H₁₅BrClNO₃
 Molecular Weight: 420.68
 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	(S)-BI-1001 is an active S-enantiomer of BI-1001. (S)-BI-1001 has antiviral potency against HIV-1 integrase (IC ₅₀ : 28 nM, and EC ₅₀ : 450 nM and a K _d : 4.7 μM).
Targets(IC ₅₀)	HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3771 mL	11.8855 mL	23.771 mL
5 mM	0.4754 mL	2.3771 mL	4.7542 mL
10 mM	0.2377 mL	1.1886 mL	2.3771 mL
50 mM	0.0475 mL	0.2377 mL	0.4754 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

Fader LD, et al. Discovery of BI 224436, a Nucleoside Site Integrase Inhibitor (NCINI) of HIV-1. ACS Med Chem Lett. 2014 Jan 22;5(4):422-7.

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