

Dolutegravir SR Isomer

Chemical Properties

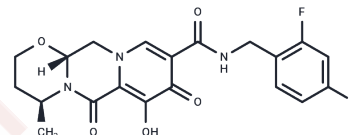
CAS No. : 1309560-49-3

Formula: C₂₀H₁₉F₂N₃O₅

Molecular Weight: 419.38

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	Dolutegravir SR Isomer is an isomeric derivative of Dolutegravir -- a second generation HIV-1 integrase strand transfer inhibitor. Dolutegravir has been shown to potently inhibit HIV replication in cells such as peripheral blood mononuclear cells (PBMCs), MT-4 cells and CIP4 cells infected with a self-inactivating PHIV lentiviral vector.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3845 mL	11.9224 mL	23.8447 mL
5 mM	0.4769 mL	2.3845 mL	4.7689 mL
10 mM	0.2384 mL	1.1922 mL	2.3845 mL
50 mM	0.0477 mL	0.2384 mL	0.4769 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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