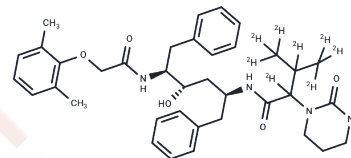


Lopinavir-D8

Chemical Properties

CAS No. :	1322625-54-6
Formula:	C37H40D8N4O5
Molecular Weight:	636.85
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	Lopinavir-D8 is a deuterated compound of Lopinavir. Lopinavir (T1623) has a CAS number of 192725-17-0. Lopinavir (T1623) is a peptidomimetic HIV protease inhibitor that retains activity against HIV protease with the Val 82 mutation. Lopinavir (T1623) is less affected by binding to serum proteins than the structurally-related drug ritonavir.
Targets(IC50)	HIV Protease,SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5702 mL	7.8511 mL	15.7023 mL
5 mM	0.314 mL	1.5702 mL	3.1405 mL
10 mM	0.157 mL	0.7851 mL	1.5702 mL
50 mM	0.0314 mL	0.157 mL	0.314 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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