

Ritonavir-D6

Chemical Properties

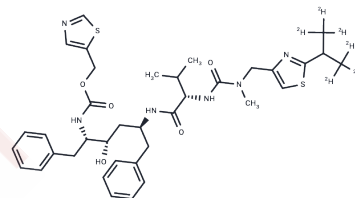
CAS No. : 1616968-73-0

Formula: C37H48N6O5S2

Molecular Weight: 726.98

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	Ritonavir-D6 is the deuterated form of Ritonavir. Ritonavir (T1525) (ABT 538) serves as an inhibitor of the HIV protease, primarily utilized in the study of HIV infection and AIDS. Additionally, Ritonavir (T1525) acts as an inhibitor of SARS-CoV 3CLpro, with an IC50 of 1.61 μ M.
Targets(IC50)	Apoptosis,HIV Protease,SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3756 mL	6.8778 mL	13.7555 mL
5 mM	0.2751 mL	1.3756 mL	2.7511 mL
10 mM	0.1376 mL	0.6878 mL	1.3756 mL
50 mM	0.0275 mL	0.1376 mL	0.2751 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481