

## Ritonavir-13C-D3

## Chemical Properties

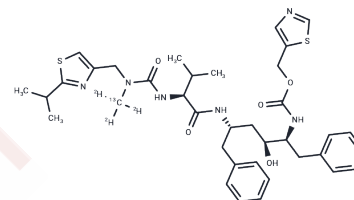
CAS No. :

Formula: 13CC36D3H45N6O5S2

Molecular Weight: 724.96

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-13C-D3 is a peptidomimetic agent that inhibits both HIV-1 and HIV-2 proteases. Ritonavir (T1525) is highly inhibited by serum proteins but boosts the effect of other HIV proteases by blocking their degradation by cytochrome P450.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3794 mL	6.8969 mL	13.7939 mL
5 mM	0.2759 mL	1.3794 mL	2.7588 mL
10 mM	0.1379 mL	0.6897 mL	1.3794 mL
50 mM	0.0276 mL	0.1379 mL	0.2759 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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