

## Sildenafil-13C-D3

## Chemical Properties

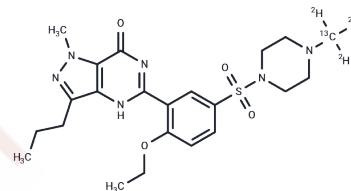
CAS No. :

Formula: 13CC21D3H27N6O4S

Molecular Weight: 478.59

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

Sildenafil-13C-D3 is the 13C and deuterated compound of Sildenafil. Sildenafil has a CAS number of 139755-83-2. Sildenafil is a phosphodiesterase type 5 (PDE5) inhibitor, used to treat erectile dysfunction and reduce symptoms of pulmonary arterial hypertension (PAH).

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0895 mL	10.4474 mL	20.8947 mL
5 mM	0.4179 mL	2.0895 mL	4.1789 mL
10 mM	0.2089 mL	1.0447 mL	2.0895 mL
50 mM	0.0418 mL	0.2089 mL	0.4179 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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