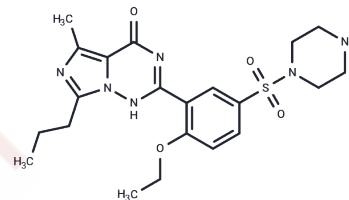


N-Desethyl Vardenafil

Chemical Properties

CAS No. :	448184-46-1
Formula:	C ₂₁ H ₂₈ N ₆ O ₄ S
Molecular Weight:	460.55
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	N-Desethyl vardenafil is a metabolite of vardenafil, a phosphodiesterase 5 inhibitor, that is formed by the action of cytochrome P450 (CYP)3A4 and CYP3A5.
Targets(IC50)	Others, Drug Metabolite

Solubility Information

Solubility	Ethanol: 30 mg/mL (65.14 mM), Sonication is recommended. DMSO: 30 mg/mL (65.14 mM), Sonication is recommended. DMF: 30 mg/mL (65.14 mM), Sonication is recommended. Ethanol:PBS (pH 7.2) (1:4): 0.2 mg/mL (0.43 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1713 mL	10.8566 mL	21.7132 mL
5 mM	0.4343 mL	2.1713 mL	4.3426 mL
10 mM	0.2171 mL	1.0857 mL	2.1713 mL
50 mM	0.0434 mL	0.2171 mL	0.4343 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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