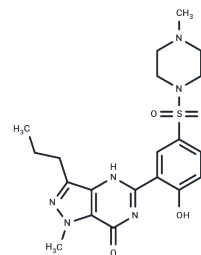


O-Desethyl Sildenafil

Chemical Properties

CAS No. :	139755-91-2
Formula:	C ₂₀ H ₂₆ N ₆ O ₄ S
Molecular Weight:	446.53
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	O-Desethyl sildenafil is a metabolite of the phosphodiesterase 5 (PDE5) inhibitor sildenafil .1
Targets(IC50)	Others,PDE

Solubility Information

Solubility	DMSO: Slightly soluble,Heating 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	2.2395 mL	11.1975 mL	22.3949 mL
5 mM	0.4479 mL	2.2395 mL	4.479 mL
10 mM	0.2239 mL	1.1197 mL	2.2395 mL
50 mM	0.0448 mL	0.2239 mL	0.4479 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.

Reference

Unceta, N., Echeazarra, L., Monta?a, M., et al.Validation of an LC-ESI-MS/MS method for the quantitation of phosphodiesterase-5 inhibitors and their main metabolites in rat serum and brain tissue samplesJ. Pharm. Biomed. Anal.70529-533(2012)

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