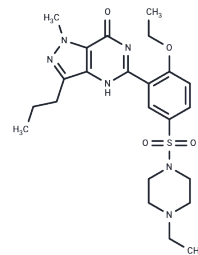


Homo Sildenafil

Chemical Properties

CAS No. :	642928-07-2
Formula:	C23H32N6O4S
Molecular Weight:	488.6
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Homo Sildenafil is an analog of Sildenafil, It acts as a phosphodiesterase inhibitor.
Targets(IC50)	PDE

Solubility Information

Solubility	DMSO: 25 mg/mL (51.17 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0467 mL	10.2333 mL	20.4666 mL
5 mM	0.4093 mL	2.0467 mL	4.0933 mL
10 mM	0.2047 mL	1.0233 mL	2.0467 mL
50 mM	0.0409 mL	0.2047 mL	0.4093 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.

Reference

Jackie D Corbin, et al. Vardenafil: Structural Basis for Higher Potency Over Sildenafil in Inhibiting cGMP-specific phosphodiesterase-5 (PDE5). *Neurochem Int.* 2004 Nov;45(6):859-63.

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