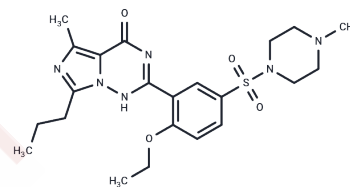


## N-desethyl-N-methyl Vardenafil

## Chemical Properties

CAS No. : 224785-87-9  
 Formula: C<sub>22</sub>H<sub>30</sub>N<sub>6</sub>O<sub>4</sub>S  
 Molecular Weight: 474.58  
 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-N-methyl Vardenafil, a potential impurity in commercial vardenafil preparations, functions as a phosphodiesterase 5 (PDE5) inhibitor, similar to its parent compound. With an IC <sub>50</sub> value of 2 nM, it exhibits potent inhibitory activity against PDE5.
Targets(IC <sub>50</sub> )	Others,PDE

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1071 mL	10.5356 mL	21.0713 mL
5 mM	0.4214 mL	2.1071 mL	4.2143 mL
10 mM	0.2107 mL	1.0536 mL	2.1071 mL
50 mM	0.0421 mL	0.2107 mL	0.4214 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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