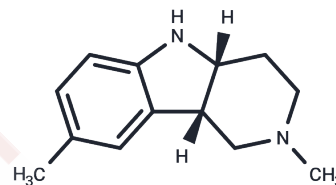


Stobadine

Chemical Properties

CAS No. :	85202-17-1
Formula:	C ₁₃ H ₁₈ N ₂
Molecular Weight:	202.3
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	Stobadine, a potent antioxidant, safeguards endoplasmic reticulum (ER) membrane fluidity against free radical-induced changes. It shows promise in the development of cardio- and neuroprotective agents owing to its mechanisms of action, which include antioxidant properties and free radical scavenging [1].
Targets(IC50)	Reactive Oxygen Species, ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9432 mL	24.7158 mL	49.4315 mL
5 mM	0.9886 mL	4.9432 mL	9.8863 mL
10 mM	0.4943 mL	2.4716 mL	4.9432 mL
50 mM	0.0989 mL	0.4943 mL	0.9886 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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