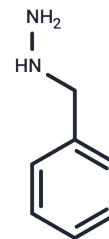


Benzylhydrazine

Chemical Properties

CAS No. :	555-96-4
Formula:	C7H10N2
Molecular Weight:	122.17
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	Benzylhydrazine is a potent monoamine oxidase (MAO) inhibitor, effectively inhibiting brain and liver MAO with pI50 values of 6.3 and 7.0, respectively. In vivo studies in mice demonstrate its inhibitory effects, with ED50 values of 6.5 and 6.2 $\mu\text{mol/kg}$ for brain and liver, respectively.
Targets(IC50)	Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.1853 mL	40.9266 mL	81.8532 mL
5 mM	1.6371 mL	8.1853 mL	16.3706 mL
10 mM	0.8185 mL	4.0927 mL	8.1853 mL
50 mM	0.1637 mL	0.8185 mL	1.6371 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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