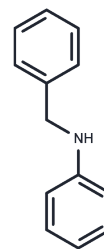


## N-Phenylbenzylamine

## Chemical Properties

CAS No. :	103-32-2
Formula:	C13H13N
Molecular Weight:	183.25
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	A series of N-Phenylbenzylamine (Benzenemethanamine) as potential cytotoxic and antimitotic agents acting by inhibition of tubulin polymerization
Targets(IC50)	Others, Microtubule Associated

## Solubility Information

Solubility	DMSO: 50 mg/mL (272.85 mM), Sonication 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	5.457 mL	27.2851 mL	54.5703 mL
5 mM	1.0914 mL	5.457 mL	10.9141 mL
10 mM	0.5457 mL	2.7285 mL	5.457 mL
50 mM	0.1091 mL	0.5457 mL	1.0914 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

Cushman M, et al. J Med Chem. 1993 Sep 17;36(19):2817-21.

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