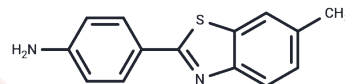


## Phenyl-benzothiazole

## Chemical Properties

CAS No. :	92-36-4
Formula:	C <sub>14</sub> H <sub>12</sub> N <sub>2</sub> S
Molecular Weight:	240.32
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	Phenyl-benzothiazole (2-(4-Aminophenyl)-6-methylbenzothiazole) is an azole for proteomics research.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 15 mg/mL (62.42 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	4.1611 mL	20.8056 mL	41.6112 mL
5 mM	0.8322 mL	4.1611 mL	8.3222 mL
10 mM	0.4161 mL	2.0806 mL	4.1611 mL
50 mM	0.0832 mL	0.4161 mL	0.8322 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

Kennedy GL Jr, Chen HC, Hall GT. Inhalation toxicity of dehydrothio-p-toluidine. Food Chem Toxicol. 1984 Apr;22(4):289-92.

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