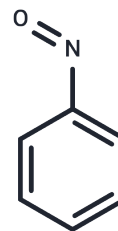


## Nitrosobenzene

## Chemical Properties

CAS No. :	586-96-9
Formula:	C <sub>6</sub> H <sub>5</sub> NO
Molecular Weight:	107.112
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	Nitrosobenzene is a spin trap that has been used in the study of oxidative DNA damage and nitroso-compound-induced respiratory burst in neutrophils.
Targets(IC50)	Others, Reactive Oxygen Species

## Solubility Information

Solubility	DMSO:PBS(pH 7.2) (1:3): 0.25 mg/mL (2.33 mM), Sonication is recommended. DMF: 10 mg/mL (93.36 mM), Sonication is recommended. DMSO: 10 mg/mL (93.36 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	9.3362 mL	46.681 mL	93.362 mL
5 mM	1.8672 mL	9.3362 mL	18.6724 mL
10 mM	0.9336 mL	4.6681 mL	9.3362 mL
50 mM	0.1867 mL	0.9336 mL	1.8672 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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