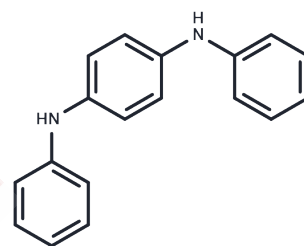


p-Phenylenediamine, N,N'-diphenyl-

Chemical Properties

CAS No. :	74-31-7
Formula:	C ₁₈ H ₁₆ N ₂
Molecular Weight:	260.33
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	p-Phenylenediamine, N,N'-diphenyl- (NSC-761) is a bioactive chemical. It has been used to prevent vitamin E deficiency in lambs.
Targets(IC50)	Others,ROS

Solubility Information

Solubility	DMSO: 60 mg/mL (230.48 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	3.8413 mL	19.2064 mL	38.4128 mL
5 mM	0.7683 mL	3.8413 mL	7.6826 mL
10 mM	0.3841 mL	1.9206 mL	3.8413 mL
50 mM	0.0768 mL	0.3841 mL	0.7683 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

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