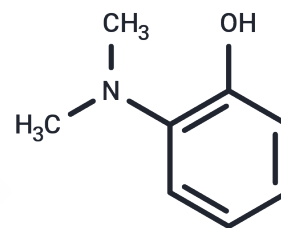


2-Dimethylaminophenol

Chemical Properties

CAS No. :	3743-22-4
Formula:	C ₈ H ₁₁ NO
Molecular Weight:	137.18
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	2-Dimethylaminophenol inhibits Lactoylglutathione lyase and is widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.2897 mL	36.4485 mL	72.8969 mL
5 mM	1.4579 mL	7.2897 mL	14.5794 mL
10 mM	0.729 mL	3.6448 mL	7.2897 mL
50 mM	0.1458 mL	0.729 mL	1.4579 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

Kiese M, et al. Mechanism of the autocatalytic formation of ferrihemoglobin by N,N-dimethylaniline-N-oxide. Structure and ferrihemoglobin forming activity of the purple dye. Chem Biol Interact. 1976 Mar;12(3-4):415-24.

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