

Auramine free base

Chemical Properties

CAS No. : 492-80-8

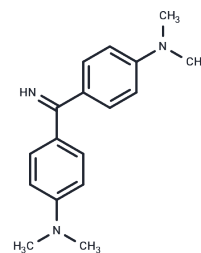
Formula: C₁₇H₂₁N₃

Molecular Weight: 267.37

Keep away from direct sunlight

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	Auramine is an agent of dye.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7401 mL	18.7007 mL	37.4014 mL
5 mM	0.748 mL	3.7401 mL	7.4803 mL
10 mM	0.374 mL	1.8701 mL	3.7401 mL
50 mM	0.0748 mL	0.374 mL	0.748 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

Wang X, Duan HL, Ma SY, Wang J, Zhan HY, Zhang ZQ. Selective adsorption and separation of illegal cationic dyes from foodstuffs with anionic polyelectrolyte functionalization of metal-organic frameworks. *Food Addit Contam Part A Chem Anal Control Expo Risk Assess*. 2018 Jul 5. doi: 10.1080/19440049.2018.1492154. [Epub ahead of print] PubMed PMID: 29975171.

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