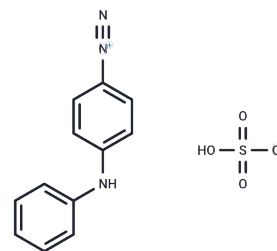


4-Aminodiphenylamine sulfate

Chemical Properties

CAS No. :	4477-28-5
Formula:	C ₁₂ H ₁₁ N ₃ O ₄ S
Molecular Weight:	293.3
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	4-Aminodiphenylamine sulfate (Variamine Blue RT sulfate) serves as a multifunctional dye with extensive applications in both scientific and industrial domains. In scientific research, dyes assist in observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, differentiating cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Their utility extends from basic research to a broad spectrum of clinical diagnostics. Additionally, dyes find significant use in traditional sectors like textile dyeing and in emerging areas such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4095 mL	17.0474 mL	34.0948 mL
5 mM	0.6819 mL	3.4095 mL	6.819 mL
10 mM	0.3409 mL	1.7047 mL	3.4095 mL
50 mM	0.0682 mL	0.3409 mL	0.6819 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481