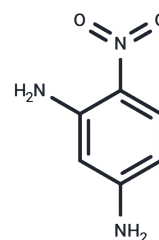


4-Nitro-m-phenylenediamine

Chemical Properties

CAS No. :	5131-58-8
Formula:	C ₆ H ₇ N ₃ O ₂
Molecular Weight:	153.14
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-Nitro-m-phenylenediamine serves as a multifunctional dye, playing a crucial role in biological experiments. These dyes assist researchers in observing and analyzing cellular structures, tracking biomolecules, evaluating cellular functions, differentiating cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Their applications span from basic scientific research to diverse clinical diagnostics. Additionally, dyes are extensively used in traditional textile dyeing, as well as in innovative areas such as functional textile processing, food pigmentation, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.530 mL	32.6499 mL	65.2997 mL
5 mM	1.306 mL	6.530 mL	13.0599 mL
10 mM	0.653 mL	3.265 mL	6.530 mL
50 mM	0.1306 mL	0.653 mL	1.306 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

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