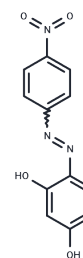


4-(4-Nitrophenylazo)resorcinol

Chemical Properties

CAS No. :	74-39-5
Formula:	C ₁₂ H ₉ N ₃ O ₄
Molecular Weight:	259.22
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-(4-Nitrophenylazo)resorcinol, also known as Azo Violet, is an azo purple dye used experimentally as a pH indicator, turning yellow below pH 11 and purple above pH 13. It becomes dark blue in slightly alkaline or alkaline environments with magnesium salts and can also test for ammonium ions, with the color changing based on the concentration of Azo Violet in ammonium chloride or ammonium hydroxide solutions.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8577 mL	19.2886 mL	38.5773 mL
5 mM	0.7715 mL	3.8577 mL	7.7155 mL
10 mM	0.3858 mL	1.9289 mL	3.8577 mL
50 mM	0.0772 mL	0.3858 mL	0.7715 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