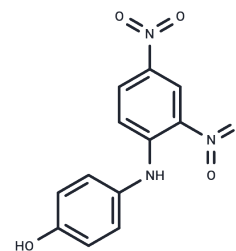


4-(2,4-Dinitroanilino)phenol

Chemical Properties

CAS No. :	119-15-3
Formula:	C12H9N3O5
Molecular Weight:	275.22
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-(2,4-Dinitroanilino)phenol serves as a multifunctional dye, essential in both biological experimentation and various industries. In biology, dyes enable researchers to observe cell structures, track biomolecules, evaluate cell functions, distinguish cell types, detect biomolecules, study tissue pathology, and monitor microorganisms. Their uses extend from fundamental scientific research to clinical diagnostics. Additionally, dyes are prevalent in traditional sectors like textile dyeing and are gaining importance in emerging fields such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6335 mL	18.1673 mL	36.3346 mL
5 mM	0.7267 mL	3.6335 mL	7.2669 mL
10 mM	0.3633 mL	1.8167 mL	3.6335 mL
50 mM	0.0727 mL	0.3633 mL	0.7267 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

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