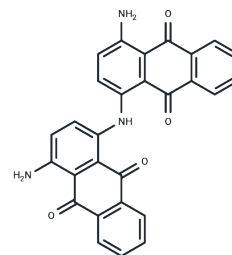


4,4'-Diamino-1,1'-iminodanthraquinone

Chemical Properties

CAS No. :	128-87-0
Formula:	C ₂₈ H ₁₇ N ₃ O ₄
Molecular Weight:	459.45
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'-Diamino-1,1'-iminodanthraquinone serves as a versatile dye utilized across various scientific and industrial endeavors. Possessing a crucial role in biological experiments, it enables researchers to examine cell structures, trace biomolecules, assess cell functions, classify different cell types, detect specific biomolecules, analyze tissue pathology, and monitor microorganisms. The wide array of applications spans from fundamental research to a broad spectrum of clinical diagnostics. Additionally, this compound finds extensive use in conventional areas like textile dyeing and innovative sectors including functional textile processing, food coloring, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1765 mL	10.8826 mL	21.7652 mL
5 mM	0.4353 mL	2.1765 mL	4.353 mL
10 mM	0.2177 mL	1.0883 mL	2.1765 mL
50 mM	0.0435 mL	0.2177 mL	0.4353 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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