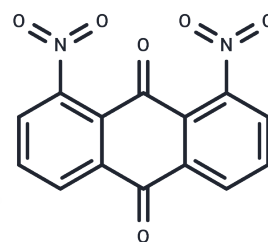


1,8-Dinitroanthraquinone

Chemical Properties

CAS No. :	129-39-5
Formula:	C ₁₄ H ₆ N ₂ O ₆
Molecular Weight:	298.21
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	1,8-Dinitroanthraquinone is a versatile dye utilized in various domains including biological research and diagnostics. It assists researchers by enabling the observation and analysis of cell structures, biomolecule tracking, cell function evaluation, cell type differentiation, biomolecule detection, tissue pathology studies, and microorganism monitoring. Its applications extend from fundamental scientific research to clinical diagnostics. Additionally, dyes play a significant role in traditional industries like textile dyeing and are increasingly used in innovative areas such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3533 mL	16.7667 mL	33.5334 mL
5 mM	0.6707 mL	3.3533 mL	6.7067 mL
10 mM	0.3353 mL	1.6767 mL	3.3533 mL
50 mM	0.0671 mL	0.3353 mL	0.6707 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481