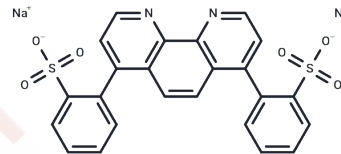


Bathophenanthroline disulfonic acid sodium

Chemical Properties

CAS No. :	98645-86-4
Formula:	C ₂₄ H ₁₄ N ₂ Na ₂ O ₆ S ₂
Molecular Weight:	536.49
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	Bathophenanthroline disulfonic acid sodium, a versatile dye, plays a crucial role across various domains, from basic scientific research to clinical diagnostics. This compound aids in observing and analyzing cell structures, tracking biomolecules, evaluating cellular functions, differentiating cell types, detecting biomolecules, examining tissue pathology, and monitoring microorganisms. Its usage extends beyond the confines of biological experiments into traditional arenas such as textile dyeing, as well as emerging areas like functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.864 mL	9.3198 mL	18.6397 mL
5 mM	0.3728 mL	1.864 mL	3.7279 mL
10 mM	0.1864 mL	0.932 mL	1.864 mL
50 mM	0.0373 mL	0.1864 mL	0.3728 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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