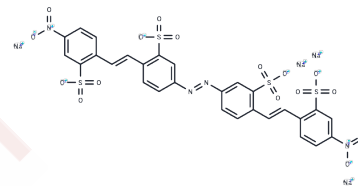


Chlorantine yellow

Chemical Properties

CAS No. :	6272-71-5
Formula:	C ₂₈ H ₁₆ N ₄ Na ₄ O ₁₆ S ₄
Molecular Weight:	884.66
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	Chlorantine yellow is a multifunctional dye that plays a crucial role in biological experiments, aiding researchers in observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its applications span from basic scientific research to a wide range of clinical diagnostics. Additionally, dyes, including Chlorantine yellow, are extensively utilized in traditional textile dyeing, as well as in emerging fields like functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1304 mL	5.6519 mL	11.3038 mL
5 mM	0.2261 mL	1.1304 mL	2.2608 mL
10 mM	0.113 mL	0.5652 mL	1.1304 mL
50 mM	0.0226 mL	0.113 mL	0.2261 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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