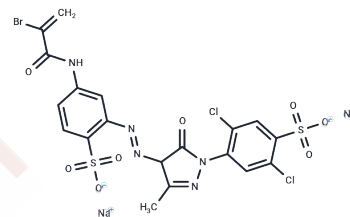


Lanasol yellow 4G

Chemical Properties

CAS No. :	70247-70-0
Formula:	C ₁₉ H ₁₂ BrCl ₂ N ₅ Na ₂ O ₈ S ₂
Molecular Weight:	699.25
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	Lanasol yellow 4G serves as a multifunctional dye. Crucial in biological experiments, dyes assist researchers in observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Their applications extend from fundamental scientific research to clinical diagnostics. Additionally, dyes are extensively employed in traditional areas like textile dyeing and in novel fields such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4301 mL	7.1505 mL	14.301 mL
5 mM	0.286 mL	1.4301 mL	2.8602 mL
10 mM	0.143 mL	0.7151 mL	1.4301 mL
50 mM	0.0286 mL	0.143 mL	0.286 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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