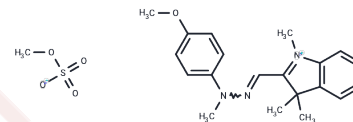


Basic yellow 28

Chemical Properties

CAS No. :	54060-92-3
Formula:	C ₂₁ H ₂₇ N ₃ O ₅ S
Molecular Weight:	433.52
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	Basic Yellow 28 is a multifunctional dye used in biological experiments to observe and analyze cell structures, track biomolecules, evaluate cell functions, distinguish cell types, detect biomolecules, study tissue pathology, and monitor microorganisms. Its applications range from basic scientific research to clinical diagnostics, and it is also employed in traditional fields such as textile dyeing and emerging fields like functional textile processing, food pigments, and dye-sensitized solar cells (DSSCs).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3067 mL	11.5335 mL	23.067 mL
5 mM	0.4613 mL	2.3067 mL	4.6134 mL
10 mM	0.2307 mL	1.1533 mL	2.3067 mL
50 mM	0.0461 mL	0.2307 mL	0.4613 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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