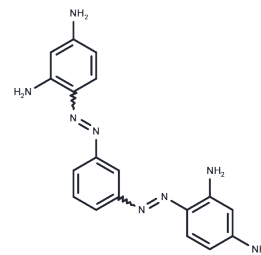


Bismarck Brown Y

Chemical Properties

CAS No. :	1052-38-6
Formula:	C ₁₈ H ₁₈ N ₈
Molecular Weight:	346.39
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	Bismarck Brown Y is a versatile dye extensively used in biological research, aiding in the observation and analysis of cell structures, biomolecule tracking, assessment of cell functions, cell type differentiation, biomolecule detection, tissue pathology studies, and microorganism monitoring. Its applications span from fundamental scientific research to diverse clinical diagnostics. Additionally, dyes are commonly employed in traditional industries such as textile dyeing and in innovative fields like functional textile processing, food coloring, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8869 mL	14.4346 mL	28.8692 mL
5 mM	0.5774 mL	2.8869 mL	5.7738 mL
10 mM	0.2887 mL	1.4435 mL	2.8869 mL
50 mM	0.0577 mL	0.2887 mL	0.5774 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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