

C.I. Acid blue 158

Chemical Properties

CAS No. :	6370-08-7
Formula:	C ₂₀ H ₁₁ CrN ₂ Na ₂ O ₉ S ₂
Molecular Weight:	585.41
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	C.I. Acid Blue 158 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. Additionally, dyes like C.I. Acid Blue 158 are widely used in traditional fields such as 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	1.7082 mL	8.541 mL	17.082 mL
5 mM	0.3416 mL	1.7082 mL	3.4164 mL
10 mM	0.1708 mL	0.8541 mL	1.7082 mL
50 mM	0.0342 mL	0.1708 mL	0.3416 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481