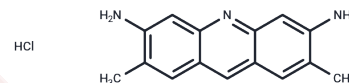


Acridine yellow G

Chemical Properties

CAS No. :	135-49-9
Formula:	C ₁₅ H ₁₆ ClN ₃
Molecular Weight:	273.76
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	Acridine yellow G is a versatile dye used extensively in biological research. It aids scientists in visualizing and analyzing cell structures, tracking biomolecules, assessing cell functions, identifying cell types, detecting biomolecules, investigating tissue pathology, and monitoring microorganisms. Its applications span from fundamental scientific studies to clinical diagnostics. Additionally, dyes like Acridine yellow G are prevalent in textile dyeing, functional textile processing, food coloring, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6528 mL	18.2642 mL	36.5283 mL
5 mM	0.7306 mL	3.6528 mL	7.3057 mL
10 mM	0.3653 mL	1.8264 mL	3.6528 mL
50 mM	0.0731 mL	0.3653 mL	0.7306 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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