

Ethidium monoazide bromide

Chemical Properties

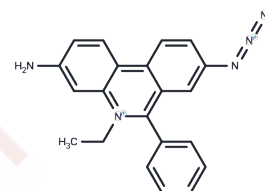
CAS No. : 58880-05-0

Formula: C₂₁H₁₈BrN₅

Molecular Weight: 420.31

Storage: Keep away from direct sunlight
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	Ethidium monoazide bromide, a fluorescent dye that intercalates with DNA, selectively penetrates bacteria possessing compromised membranes. Upon photoactivation, it forms covalent bonds with DNA, enabling it to exclusively stain dead cells [1].
Targets(IC50)	Others, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3792 mL	11.896 mL	23.792 mL
5 mM	0.4758 mL	2.3792 mL	4.7584 mL
10 mM	0.2379 mL	1.1896 mL	2.3792 mL
50 mM	0.0476 mL	0.2379 mL	0.4758 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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