Data Sheet (Cat.No.T86889)

TargetMol

Methyl violet dye

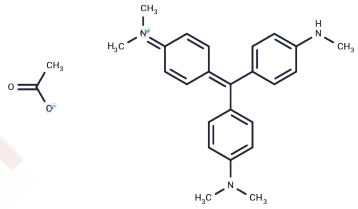
Chemical Properties

CAS No. : 84434-47-9

Formula: C26H31N3O2

Molecular Weight: 417.54

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	Methyl violet dye is a versatile dye utilized in a variety of applications. It serves as an essential tool in biological experiments, aiding researchers in observing and analyzing cell structures, tracking and detecting biomolecules, evaluating cell functions, distinguishing cell types, studying tissue pathology, and monitoring microorganisms. Its uses extend from fundamental scientific research to a broad spectrum of clinical diagnostics. Additionally, dyes are extensively employed in traditional sectors like textile dyeing and are increasingly significant in emerging areas such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.395 mL	11.9749 mL	23.9498 mL
5 mM	0.479 mL	2.395 mL	4.790 mL
10 mM	0.2395 mL	1.1975 mL	2.395 mL
50 mM	0.0479 mL	0.2395 mL	0.479 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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