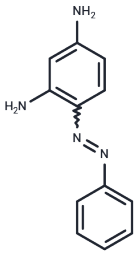
Data Sheet (Cat.No.T86058)

TargetMol

Chrysoidine G free base

Chemical Properties



CAS No. : 495-54-5

Formula: C12H12N4

Molecular Weight: 212.25

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	Chrysoidine G (free base) (Solvent Orange 3; Chrysoidine Y base) serves as a versatile dye utilized across various domains. Primarily, dyes are essential in biological experiments for observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, investigating tissue pathology, and monitoring microorganisms. Beyond basic scientific research and clinical diagnostics, dyes like Chrysoidine G find applications in traditional industries such as textile dyeing and emerging sectors including functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7114 mL	23.5571 mL	47.1143 mL
5 mM	0.9423 mL	4.7114 mL	9.4229 mL
10 mM	0.4711 mL	2.3557 mL	4.7114 mL
50 mM	0.0942 mL	0.4711 mL	0.9423 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.

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