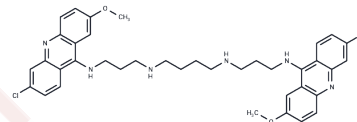


Acridine homodimer

Chemical Properties

CAS No. : 57576-49-5
 Formula: C₃₈H₄₂Cl₂N₆O₂
 Molecular Weight: 685.69
 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 Homodimer (NSC 219743), also known as acridine dimer, serves as a fluorescent dye that exhibits blue-green fluorescence upon binding to DNA. This compound demonstrates a significantly high affinity for AT-rich regions within nucleic acids, enabling its application in chromosome banding [1].
Targets(IC50)	Others, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4584 mL	7.2919 mL	14.5838 mL
5 mM	0.2917 mL	1.4584 mL	2.9168 mL
10 mM	0.1458 mL	0.7292 mL	1.4584 mL
50 mM	0.0292 mL	0.1458 mL	0.2917 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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