

G-quadruplex DNA fluorescence probe 1

Chemical Properties

CAS No. :

Formula: C₂₇H₃₁N₂O₃

Molecular Weight: 558.45

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	Compound E1, also known as G-quadruplex DNA fluorescence probe 1, is a selective fluorescent probe targeting G-quadruplex DNA. It possesses the ability to penetrate membranes and enter living cells, demonstrating low cytotoxicity [1].
Targets(IC50)	Others, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7907 mL	8.9534 mL	17.9067 mL
5 mM	0.3581 mL	1.7907 mL	3.5813 mL
10 mM	0.1791 mL	0.8953 mL	1.7907 mL
50 mM	0.0358 mL	0.1791 mL	0.3581 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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