

TTAPE-Me

Chemical Properties

CAS No. : 1219133-97-7

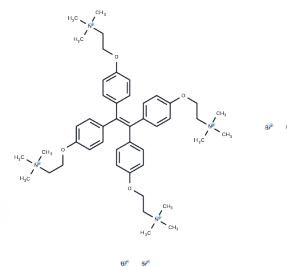
Formula: C₄₆H₆₈N₄O₄.4Br

Molecular Weight: 1060.67

Keep away from direct sunlight

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	TTAPE-Me, an aggregation-induced emission (AIE) fluorogen, is utilized for the detection of anionic phospholipids such as cardiolipin, phosphatidylglycerol (PG), and phosphatidylserine (PS), as well as nucleic acids and the anionic polysaccharide heparin.
Targets(IC50)	Others

Solubility Information

Solubility	PBS pH 7.2: 10 mg/mL (9.43 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9428 mL	4.714 mL	9.428 mL
5 mM	0.1886 mL	0.9428 mL	1.8856 mL
10 mM	0.0943 mL	0.4714 mL	0.9428 mL
50 mM	0.0189 mL	0.0943 mL	0.1886 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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