

S0456

Chemical Properties

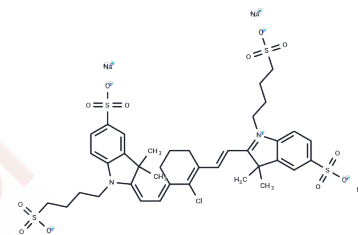
CAS No. : 1252007-83-2

Formula: C₃₈H₄₄ClN₂Na₃O₁₂S₄

Molecular Weight: 953.44

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	S0456, a near-infrared (NIR) fluorescent dye, binds to the folate receptor (FR) and is utilized in the synthesis of Pafolacianine. It serves as a tumor-specific optical imaging agent with an excitation wavelength of 788 nM and an emission wavelength of 800 nM [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0488 mL	5.2442 mL	10.4883 mL
5 mM	0.2098 mL	1.0488 mL	2.0977 mL
10 mM	0.1049 mL	0.5244 mL	1.0488 mL
50 mM	0.021 mL	0.1049 mL	0.2098 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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