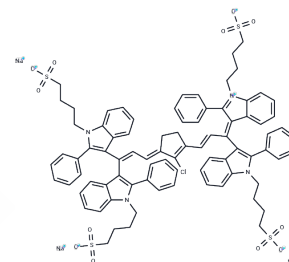


LZ-1105

Chemical Properties

CAS No. : 2369809-51-6
 Formula: C₈₃H₇₆ClN₄Na₃O₁₂S₄
 Molecular Weight: 1554.19
 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	LZ-1105 is a multifunctional dye that serves as a crucial tool in biological experiments, enabling researchers to observe and analyze cell structures, track biomolecules, evaluate cell functions, differentiate cell types, detect biomolecules, study tissue pathology, and monitor microorganisms. Besides its pivotal role in scientific research, it finds applications in clinical diagnostics, traditional textile dyeing, functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6434 mL	3.2171 mL	6.4342 mL
5 mM	0.1287 mL	0.6434 mL	1.2868 mL
10 mM	0.0643 mL	0.3217 mL	0.6434 mL
50 mM	0.0129 mL	0.0643 mL	0.1287 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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