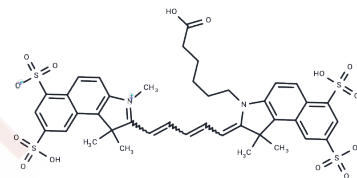


Sulfo-Cyanine5.5 carboxylic acid

Chemical Properties

CAS No. : 2183440-68-6
 Formula: C₄₀H₄₂N₂O₁₄S₄
 Molecular Weight: 903.03
 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 | Sulfo-Cyanine5.5 carboxylic acid (CI Pigment violet 32) is a water-soluble, far-red emitting fluorophore. With four sulfo groups, this dye is negatively charged at neutral pH and highly hydrophilic. As a cyanine dye, Sulfo-Cyanine5.5 exhibits low pH-dependent fluorescence and possesses a high extinction coefficient. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.1074 mL | 5.5369 mL | 11.0738 mL |
| 5 mM | 0.2215 mL | 1.1074 mL | 2.2148 mL |
| 10 mM | 0.1107 mL | 0.5537 mL | 1.1074 mL |
| 50 mM | 0.0221 mL | 0.1107 mL | 0.2215 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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