

IR-34

Chemical Properties

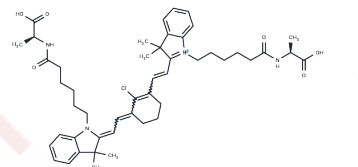
CAS No. : 1895075-93-0

Formula: C₄₈H₆₂BrClN₄O₆

Molecular Weight: 906.39

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	IR-34, an indole cyanine dye, is characterized by its deep blue color. It exhibits strong fluorescence and absorption properties, making it useful in various applications such as bioimaging and photodynamic therapy.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1033 mL	5.5164 mL	11.0328 mL
5 mM	0.2207 mL	1.1033 mL	2.2066 mL
10 mM	0.1103 mL	0.5516 mL	1.1033 mL
50 mM	0.0221 mL	0.1103 mL	0.2207 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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