

Biotin-tagged KR-33493

Chemical Properties

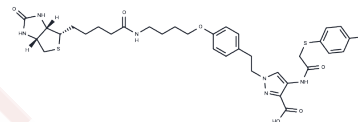
CAS No. : 1872262-53-7

Formula: C₃₄H₄₁BrN₆O₆S₂

Molecular Weight: 773.76

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	Biotin-tagged KR-33493 is a multifunctional dye widely utilized in various sectors. In biological experiments, dyes facilitate the observation and analysis of cell structures, tracking of biomolecules, evaluation of cell functions, differentiation of cell types, detection of biomolecules, examination of tissue pathology, and monitoring of microorganisms. These applications extend from fundamental research to a broad spectrum of clinical diagnostics. Additionally, dyes find extensive use in traditional industries like textile dyeing and emerging domains such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2924 mL	6.462 mL	12.9239 mL
5 mM	0.2585 mL	1.2924 mL	2.5848 mL
10 mM	0.1292 mL	0.6462 mL	1.2924 mL
50 mM	0.0258 mL	0.1292 mL	0.2585 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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