

Biotin-DADOO TFA

Chemical Properties

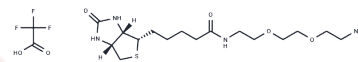
CAS No. : 194920-57-5

Formula: C₁₈H₃₁F₃N₄O₆S

Molecular Weight: 488.52

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-DADOO (TFA) serves as a versatile dye with extensive applications in both scientific and industrial fields. In biological experiments, dyes like this are crucial for observing and analyzing cell structures, tracking biomolecules, evaluating cell functionality, distinguishing between cell types, detecting biomolecules, examining tissue pathology, and monitoring microorganisms. Their usage spans from fundamental research to a broad spectrum of clinical diagnostics. Additionally, dyes play a significant role in traditional industries such as textile dyeing and are increasingly utilized in emerging sectors like functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.047 mL	10.235 mL	20.470 mL
5 mM	0.4094 mL	2.047 mL	4.094 mL
10 mM	0.2047 mL	1.0235 mL	2.047 mL
50 mM	0.0409 mL	0.2047 mL	0.4094 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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