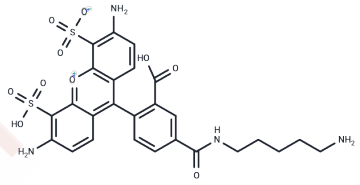
Data Sheet (Cat.No.T206135)

TargetMol

BP Fluor 488 cadaverine

Chemical Properties



CAS No. : 1178534-61-6

Formula: C26H26N4O10S2

Molecular Weight: 618.635

Storage: Keep away from direct sunlight
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	BP Fluor 488 cadaverine is a carboxyl/carbonyl-reactive building block, frequently utilized for modifying carboxyl groups via stable amide bonds in the presence of activating agents (such as EDC or DCC) or activated esters (like NHS esters). BP Fluor 488 dye has an excitation peak at 499 nm and an emission peak at 520 nm. This conjugate is widely employed in microscopy, flow cytometry, and various other applications. BP Fluor 488 is a pure 5-sulfonated rhodamine molecule, eliminating batch-to-batch variability caused by differences in isomer ratios.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6164 mL	8.0822 mL	16.1645 mL
5 mM	0.3233 mL	1.6164 mL	3.2329 mL
10 mM	0.1616 mL	0.8082 mL	1.6164 mL
50 mM	0.0323 mL	0.1616 mL	0.3233 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.

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