

BP Fluor 405 cadaverine

Chemical Properties

CAS No. : 757156-70-0

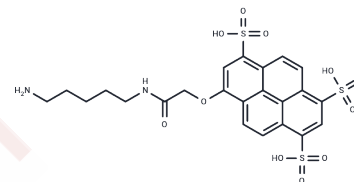
Formula: C23H24N2O11S3

Molecular Weight: 600.638

Keep away from direct sunlight

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	BP Fluor 405 Cadaverine is a carbonyl-reactive structural component employed to modify carboxyl groups through stable amide bonds in the presence of activators (such as EDC or DCC) or activated esters (such as NHS ester). Another common use of BP Fluor 405 Cadaverine includes cell fixation via treatment with formaldehyde or glutaraldehyde. BP Fluor 405 is a water-soluble blue fluorescent dye, widely utilized in multicolor applications, including flow cytometry and super-resolution microscopy using STORM. Its excitation is particularly well-matched to the krypton laser's 407 nm spectral line or the 408 nm violet laser diode.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6649 mL	8.3245 mL	16.6489 mL
5 mM	0.333 mL	1.6649 mL	3.3298 mL
10 mM	0.1665 mL	0.8324 mL	1.6649 mL
50 mM	0.0333 mL	0.1665 mL	0.333 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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