

Pyrromethene 567

Chemical Properties

CAS No. : 131083-16-4

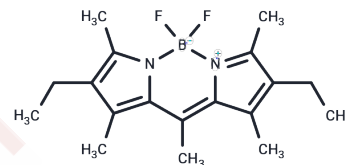
Formula: C₁₈H₂₅BF₂N₂

Molecular Weight: 318.21

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	Pyrromethene 567 is a fluorescent dye (Ex/Em \approx 518/547 nm) that is commonly used for labeling biomolecules such as proteins, nucleotides, and oligonucleotides. It can also be used to prepare various fluorescent probes or labels, including lipid molecules and microspheres, and is widely applied in bioimaging and molecular detection studies.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1426 mL	15.7129 mL	31.4258 mL
5 mM	0.6285 mL	3.1426 mL	6.2852 mL
10 mM	0.3143 mL	1.5713 mL	3.1426 mL
50 mM	0.0629 mL	0.3143 mL	0.6285 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.

Reference

Shivran N, et al. Syntheses and photodynamic activity of some glucose-conjugated BODIPY dyes. Eur J Med Chem. 2016 Oct 21;122:352-365.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481