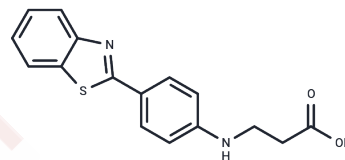


PM-1

Chemical Properties

CAS No. : 1449483-78-6
 Formula: C₁₆H₁₄N₂O₂S
 Molecular Weight: 298.36
 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	PM-1, a Thioflavin-T (ThT) derivative, is a small, highly specific fluorescent dye for plasma membrane (PM) imaging in living and fixed cells. It integrates directly into the cell membrane and retains its presence on the PM for about 15 hours. PM-1 can be combined with protein labeling probes to investigate ectodomain shedding and endocytosis of cell surface proteins [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3517 mL	16.7583 mL	33.5166 mL
5 mM	0.6703 mL	3.3517 mL	6.7033 mL
10 mM	0.3352 mL	1.6758 mL	3.3517 mL
50 mM	0.067 mL	0.3352 mL	0.6703 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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