

PBP10 TFA

Chemical Properties

CAS No. :

Formula: C86H128F3N24O17

Molecular Weight: 1827.08

Keep away from moisture

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	PBP10, a cell-permeable and selective gelsolin-derived peptide, inhibits formyl peptide receptor 2 (FPR2) over FPR1 [1]. This 10-amino acid (AA) peptide features a rhodamine conjugation at its N terminus, exhibiting bactericidal activity against both gram-positive and gram-negative bacteria while mitigating microbial-induced inflammatory effects [2].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5473 mL	2.7366 mL	5.4732 mL
5 mM	0.1095 mL	0.5473 mL	1.0946 mL
10 mM	0.0547 mL	0.2737 mL	0.5473 mL
50 mM	0.0109 mL	0.0547 mL	0.1095 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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