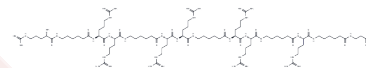


(RXR)4XB

Chemical Properties

CAS No. : 879010-15-8
 Formula: C81H158N38O15
 Molecular Weight: 1904.37
 Storage: Keep away from moisture
 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	(RXR)4XB is a cell-penetrating peptide that binds to phosphorodiamidate morpholino oligomer (PMO), resulting in a peptide-conjugated PMO (PPMO) and enhancing the delivery of PMO into bacterial cells. The (RXR)4XB-PMO conjugate prevents biofilm formation, inhibits <i>Pseudomonas aeruginosa</i> (with an MIC ₅₀ of 0.5-16 μM), and reduces bacterial load in a mouse acute pneumonia model.
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5251 mL	2.6255 mL	5.2511 mL
5 mM	0.105 mL	0.5251 mL	1.0502 mL
10 mM	0.0525 mL	0.2626 mL	0.5251 mL
50 mM	0.0105 mL	0.0525 mL	0.105 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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