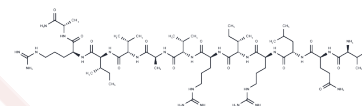


IDR-HH2

Chemical Properties

CAS No. : 1214699-22-5
 Formula: C62H117N23O13
 Molecular Weight: 1392.74
 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	IDR-HH2 is an immunoregulatory peptide with the ability to modulate the host cytokine/chemokine environment. It enhances the adhesion of monocytes and THP-1 cells to fibronectin. Additionally, IDR-HH2 exhibits antibacterial activity, inhibiting <i>P. aeruginosa</i> and <i>S. aureus</i> with MIC values of 75 µg/mL and 38 µg/mL, respectively.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.718 mL	3.590 mL	7.1801 mL
5 mM	0.1436 mL	0.718 mL	1.436 mL
10 mM	0.0718 mL	0.359 mL	0.718 mL
50 mM	0.0144 mL	0.0718 mL	0.1436 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481