

Hc-CATH

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1801534-21-3 |
| Formula: | C171H300N52O34 |
| Molecular Weight: | 3628.54 |
| Storage: | Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |

Biological Description

| | |
|---------------|---|
| Description | Hc-CATH (Sea snake cathelicidin) is a broad-spectrum antibacterial peptide effective against <i>Shigella dysenteriae</i> and <i>Klebsiella pneumoniae</i> , with MIC values ranging from 0.16 to 20.67 mM. Additionally, Hc-CATH demonstrates anti-inflammatory efficacy. |
| Targets(IC50) | Antibacterial |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.2756 mL | 1.378 mL | 2.7559 mL |
| 5 mM | 0.0551 mL | 0.2756 mL | 0.5512 mL |
| 10 mM | 0.0276 mL | 0.1378 mL | 0.2756 mL |
| 50 mM | 0.0055 mL | 0.0276 mL | 0.0551 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