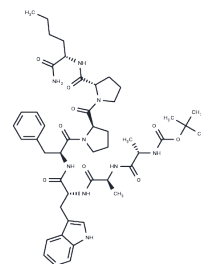


GR 87389

## Chemical Properties

CAS No. : 141663-86-7  
 Formula: C47H65N9O9  
 Molecular Weight: 900.07  
 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   | GR 87389, a potent NK2 receptor antagonist, competitively inhibits GA 64349-induced contractions in smooth muscle strips of the human detrusor, prostate, and prostatic urethra [1] [2]. |
| Targets(IC50) | Neurokinin receptor  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.111 mL  | 5.5551 mL | 11.1102 mL |
| 5 mM  | 0.2222 mL | 1.111 mL  | 2.222 mL   |
| 10 mM | 0.1111 mL | 0.5555 mL | 1.111 mL   |
| 50 mM | 0.0222 mL | 0.1111 mL | 0.2222 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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