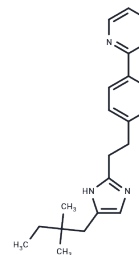


Bag-1

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1021937-07-4 |
| Formula: | C ₂₂ H ₂₇ N ₃ |
| Molecular Weight: | 333.47 |
| 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 | Bag-1 is a potent agonist of the BRS-3 receptor, with an EC ₅₀ of 2.5 nM for the mouse BRS-3 receptor. |
| Targets(IC50) | Bombesin Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9988 mL | 14.9939 mL | 29.9877 mL |
| 5 mM | 0.5998 mL | 2.9988 mL | 5.9975 mL |
| 10 mM | 0.2999 mL | 1.4994 mL | 2.9988 mL |
| 50 mM | 0.060 mL | 0.2999 mL | 0.5998 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.

Reference

Chobanian HR, et, al. Discovery of MK-7725, A Potent, Selective Bombesin Receptor Subtype-3 Agonist for the Treatment of Obesity. ACS Med Chem Lett. 2012 Jan 21;3(3):252-6.

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