

d[Cha4]-AVP TFA

Chemical Properties

CAS No. :

Formula: C52H72F3N13O13S2

Molecular Weight: 1208.33

Keep away from moisture

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 | d[Cha4]-AVP TFA is a potent and selective agonist for the vasopressin (AVP) V1b receptor, with a high affinity (K_i of 1.2 nM). It shows greater selectivity for the V1b receptor over the V1a receptor, V2 receptor, and oxytocin receptors, demonstrating specificity in targeting the human V1b receptor [1] [2]. |
| Targets(IC50) | Vasopressin Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.8276 mL | 4.1379 mL | 8.2759 mL |
| 5 mM | 0.1655 mL | 0.8276 mL | 1.6552 mL |
| 10 mM | 0.0828 mL | 0.4138 mL | 0.8276 mL |
| 50 mM | 0.0166 mL | 0.0828 mL | 0.1655 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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