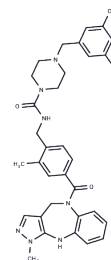


WAY-267464

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 847375-16-0 |
| Formula: | C32H35N7O4 |
| Molecular Weight: | 581.66 |
| Storage: | Store at low temperature 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 | WAY-267464 is a non-peptide oxytocin receptor agonist that impairs social cognition in rats by acting as a vasopressin 1A receptor antagonist, making it useful for studying psychiatric disorders. |
| Targets(IC50) | Vasopressin Receptor, Oxytocin Receptor |
| In vitro | WAY-267464 (intraperitoneal injection, 10/30/10 mg/kg) antagonizes the memory-enhancing effects of 0.005 mg/kg arginine vasopressin (AVP) on social cognition [1]. |

Solubility Information

| | |
|------------|--|
| Solubility | H2O: <1 mg/mL, DMSO: 40 mg/mL (68.77 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.7192 mL | 8.5961 mL | 17.1922 mL |
| 5 mM | 0.3438 mL | 1.7192 mL | 3.4384 mL |
| 10 mM | 0.1719 mL | 0.8596 mL | 1.7192 mL |
| 50 mM | 0.0344 mL | 0.1719 mL | 0.3438 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

Hicks C, et al. WAY 267,464, a non-peptide oxytocin receptor agonist, impairs social recognition memory in rats through a vasopressin 1A receptor antagonist action. *Psychopharmacology (Berl)*. 2015;232(15):2659-2667.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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