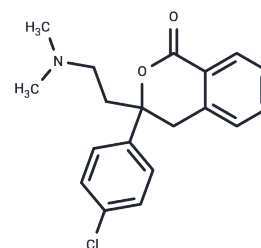


AC-7954

Chemical Properties

CAS No. : 734528-95-1
 Formula: C₁₉H₂₀ClNO₂
 Molecular Weight: 329.82
 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 | AC-7954 is a potent and efficacious agonist of urotensin II receptor. |
| Targets(IC50) | Others, GPCR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.032 mL | 15.1598 mL | 30.3196 mL |
| 5 mM | 0.6064 mL | 3.032 mL | 6.0639 mL |
| 10 mM | 0.3032 mL | 1.516 mL | 3.032 mL |
| 50 mM | 0.0606 mL | 0.3032 mL | 0.6064 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

- Palabiyik SS, Karakus E, Akpınar E, Halici Z, Bayir Y, Yayla M, Kose D. The Role of Urotensin Receptors in the Paracetamol-Induced Hepatotoxicity Model in Mice: Ameliorative Potential of Urotensin II Antagonist. *Basic Clin Pharmacol Toxicol.* 2016 Feb;118(2):150-9. doi: 10.1111/bcpt.12447. PubMed PMID: 26176337.
- Lehmann F, Pettersen A, Currier EA, Sherbukhin V, Olsson R, Hacksell U, Luthman K. Novel potent and efficacious nonpeptidic urotensin II receptor agonists. *J Med Chem.* 2006 Apr 6;49(7):2232-40. PubMed PMID: 16570919.
- Lehmann F, Currier EA, Olsson R, Hacksell U, Luthman K. Isochromanone-based urotensin-II receptor agonists. *Bioorg Med Chem.* 2005 Apr 15;13(8):3057-68. PubMed PMID: 15781415.
- Mori M. [Development of therapeutic agents related to urotensin II]. *Nihon Rinsho.* 2004 Sep;62 Suppl 9:741-4. Review. Japanese. PubMed PMID: 15506486.

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