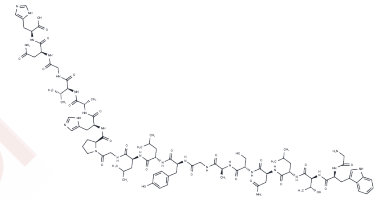


Galanin (1-19), human

Chemical Properties

| | |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAS No. : | 136005-51-1 |
| Formula: | C89H130N26O25 |
| Molecular Weight: | 1964.14 |
| Storage: | Keep away from moisture 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 | Galanin (1-19), human, represents the fragment encompassing amino acids 1 to 19 of the human galanin neuropeptide. Galanin (GAL) is known for its extensive distribution and multifaceted biological roles, such as regulating hormone secretion, providing antinociceptive effects, and altering feeding behavior. |
| Targets(IC50) | Neuropeptide Y Receptor |

Solubility Information

| | |
|------------|-------------------------------------------------------------------------------------|
| Solubility | H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|-------------------------------------------------------------------------------------|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.5091 mL | 2.5456 mL | 5.0913 mL |
| 5 mM | 0.1018 mL | 0.5091 mL | 1.0183 mL |
| 10 mM | 0.0509 mL | 0.2546 mL | 0.5091 mL |
| 50 mM | 0.0102 mL | 0.0509 mL | 0.1018 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

Howard AD, et al. Molecular cloning and characterization of a new receptor for galanin. FEBS Lett. 1997 Apr 1;405 (3):285-90.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481