

## Ceruletide Ammonium acetate

## Chemical Properties

CAS No. :

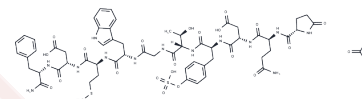
Formula: C60H77N13O23S2

Molecular Weight: 1412.46

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   | Ceruletide Ammonium acetate (FI-6934 Ammonium acetate) is a cholecystokinin (CCK) receptor agonist. Ceruletide Ammonium acetate is a safe and effective cholecystokinetic agent and small bowel and exocrine pancreatic stimulant. |
| Targets(IC50) | Cholecystokinin Receptor   |
| In vivo       | Ceruletide Ammonium acetate, an analog of cholecystokinin (CCK), has been reported to have neuroleptic-like activity in mice.  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.708 mL  | 3.5399 mL | 7.0798 mL |
| 5 mM  | 0.1416 mL | 0.708 mL  | 1.416 mL  |
| 10 mM | 0.0708 mL | 0.354 mL  | 0.708 mL  |
| 50 mM | 0.0142 mL | 0.0708 mL | 0.1416 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

- M E Vincent, et al. Pharmacotherapy. Jul-Aug 1982;2(4):223-34.[2] M R Zarrindast, et al. Pharmacol Toxicol. 1995 Dec;77(6):360-4.[3] Joanna Bonior, et al. Int J Mol Sci. 2017 May 2;18(5):929.
- Smith GP, et al. Ceruletide acts in the abdomen, not in the brain, to produce satiety. Peptides. 1984 Nov-Dec;5(6):1149-57.
- Mattes JA, et al. Ceruletide for schizophrenia: a double-blind study. Biol Psychiatry. 1985 May;20(5):533-8. doi: 10.1016/0006-3223(85)90024-PMID: 2859054.

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