

CEF6 acetate(913545-15-0 free base)

Chemical Properties

CAS No. :

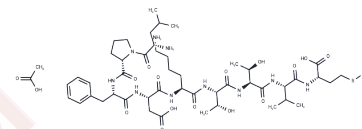
Formula: C₅₀H₈₂N₁₀O₁₆S

Molecular Weight: 1111.32

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 | CEF6 acetate is a HLA-B7 restricted influenza virus nucleoprotein epitope, belongs to the CEF control peptides. The CEF control peptides are 8-12 amino acids in length, with sequences derived from the human cytomegalovirus, Epstein-Barr virus and influenza virus. |
| Targets(IC50) | Influenza Virus |

Solubility Information

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|------------|--|
| Solubility | DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
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Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.8998 mL | 4.4992 mL | 8.9983 mL |
| 5 mM | 0.180 mL | 0.8998 mL | 1.7997 mL |
| 10 mM | 0.090 mL | 0.4499 mL | 0.8998 mL |
| 50 mM | 0.018 mL | 0.090 mL | 0.180 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

Yu K, et al. shRNA-mediated NP knockdown inhibits the apoptosis of cardiomyocytes induced by H1N1pdm2009 influenza virus. Mol Med Rep. 2017 Aug;16(2):1376-1382.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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