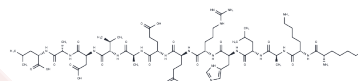


EAC3I

Chemical Properties

CAS No. : 209004-76-2
Formula: C₆₄H₁₁₁N₂₁O₁₉
Molecular Weight: 1478.7
Storage: Keep away from moisture
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 | EAC3I, an autocalmitide-3 derived inhibitory peptide with the sequence KKALHRQEAVDAL, is a bioactive peptide that mimics the autoinhibitory region of the CaMKII regulatory domain (residues 278-290). It functions by competitively binding to the enzyme's catalytic site. |
|-------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.6763 mL | 3.3813 mL | 6.7627 mL |
| 5 mM | 0.1353 mL | 0.6763 mL | 1.3525 mL |
| 10 mM | 0.0676 mL | 0.3381 mL | 0.6763 mL |
| 50 mM | 0.0135 mL | 0.0676 mL | 0.1353 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.

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