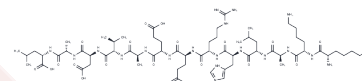


EAC3I

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.
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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

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