

AMARA peptide acetate(163560-19-8 free base)

Chemical Properties

CAS No. :

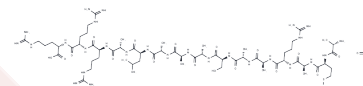
Formula: C64H119N27O19S

Molecular Weight: 1602.89

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	AMARA peptide acetate is a substrate for SIK and AMPK. AMARA peptide is a minimal substrate of several members of the protein kinases family. It consists of the phosphorylation site for AMP-activated Protein Kinase (AMPK).
Targets(IC50)	Others
In vitro	AMARA peptide is a substrate for SIK and AMPK[1].

Solubility Information

Solubility	DMSO: Insoluble, H2O: 5 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	0.6239 mL	3.1194 mL	6.2387 mL
5 mM	0.1248 mL	0.6239 mL	1.2477 mL
10 mM	0.0624 mL	0.3119 mL	0.6239 mL
50 mM	0.0125 mL	0.0624 mL	0.1248 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

Shan T, et al. Lkb1 controls brown adipose tissue growth and thermogenesis by regulating the intracellular localization of CRT3. Nat Commun. 2016 Jul 27;7:12205.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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