

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

Chemical Properties

CAS No. :	TP1314
Formula:	C64H116F3N27O18S
Molecular Weight:	1640.84
Appearance:	no data available
Storage:	keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description

Description	AMARA peptide (TFA) is a substrate for salt-induced kinase (SIK) and adenosine activated protein kinase (AMPK).
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Solubility Information

Solubility	H2O: 50 mg/mL (30.47 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6094 mL	3.0472 mL	6.0944 mL
5 mM	0.1219 mL	0.6094 mL	1.2189 mL
10 mM	0.0609 mL	0.3047 mL	0.6094 mL
50 mM	0.0122 mL	0.0609 mL	0.1219 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.

Reference

Shan T, et al. Lkb1 controls brown adipose tissue growth and thermogenesis by regulating the intracellular localization of CRTC3. Nat Commun. 2016 Jul 27;7:12205.

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