

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

Chemical Properties

CAS No. :

Formula: C₆₄H₁₁₆F₃N₂₇O₁₈S

Molecular Weight: 1640.84

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

Solubility	H ₂ O: 50 mg/mL (30.47 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	0.6094 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.

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 CRTC3. Nat Commun. 2016 Jul 27;7:12205.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481