

Ac2-26 TFA (151988-33-9 free base)

Chemical Properties

CAS No. :

Formula: C143H211F3N32O46S

Molecular Weight: 3203.45

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	Ac2-26 TFA, an active N-terminal peptide of annexin A1 (AnxA1), attenuates ischemia-reperfusion-induced acute lung injury. Ac2-26 also decreases AnxA1 protein expression, inhibits the activation of NF- κ B and MAPK pathways in the injured lung tissue.
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Solubility Information

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

	1mg	5mg	10mg
1 mM	0.3122 mL	1.5608 mL	3.1216 mL
5 mM	0.0624 mL	0.3122 mL	0.6243 mL
10 mM	0.0312 mL	0.1561 mL	0.3122 mL
50 mM	0.0062 mL	0.0312 mL	0.0624 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

Liao WI, et al. Ac2-26, an Annexin A1 Peptide, Attenuates Ischemia-Reperfusion-Induced Acute Lung Injury. Int J Mol Sci. 2017 Aug 15;18(8). pii: E1771.

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