

SP-A (196-215) (human) TFA

Chemical Properties

CAS No. :

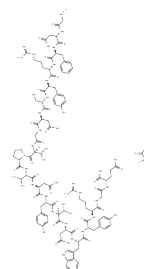
Formula: C107H145N29O35.XCF3COOH

Molecular Weight: 2397.47

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	Surfactant protein A (SP-A) (196-215) is a synthetic peptide derived from the C-terminal carbohydrate recognition domain of human SP-A, specifically amino acids 196-215. This peptide suppresses LPS-induced TNF- α release in JAWSII mouse dendritic cells at 1 and 10 μ M concentrations and promotes phagocytosis of <i>P. aeruginosa</i> at a 75 μ M concentration. Furthermore, intratracheal administration of SP-A (196-215) at a dose of 50 μ g per animal reduces disease severity and lung colony-forming units in mice infected with <i>P. aeruginosa</i> .
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Solubility Information

Solubility	10% ACN/H ₂ O: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4171 mL	2.0855 mL	4.1711 mL
5 mM	0.0834 mL	0.4171 mL	0.8342 mL
10 mM	0.0417 mL	0.2086 mL	0.4171 mL
50 mM	0.0083 mL	0.0417 mL	0.0834 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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