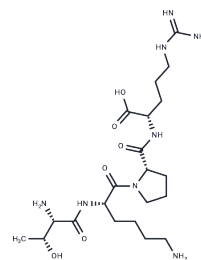


Tuftsins

Chemical Properties

CAS No. :	9063-57-4
Formula:	C ₂₁ H ₄₀ N ₈ O ₆
Molecular Weight:	500.59
Appearance:	no data available
Storage:	store at low temperature, keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Tuftsins (Tuftsins(3TFA)) is a natural activator of Phagocyte Cells
Targets(IC ₅₀)	Endogenous Metabolite

Solubility Information

Solubility	H ₂ O: 160 mg/mL (319.62 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9976 mL	9.9882 mL	19.9764 mL
5 mM	0.3995 mL	1.9976 mL	3.9953 mL
10 mM	0.1998 mL	0.9988 mL	1.9976 mL
50 mM	0.040 mL	0.1998 mL	0.3995 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

Fridkin M, et al. Tuftsins: its chemistry, biology, and clinical potential. Crit Rev Biochem Mol Biol. 1989;24(1):1-40.
Muzhou W, Nissen J C, Chen E I, et al. Tuftsins Promotes an Anti-Inflammatory Switch and Attenuates Symptoms in

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