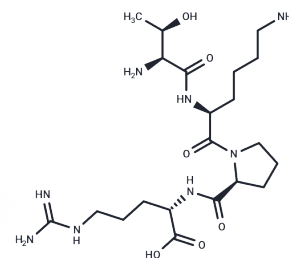


Tuftsin

Chemical Properties

CAS No. :	9063-57-4
Formula:	C ₂₁ H ₄₀ N ₈ O ₆
Molecular Weight:	500.59
Storage:	Keep away from direct sunlight,Store at low temperature,Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Tuftsin (Tuftsin(3TFA)) is a natural activator of Phagocyte Cells
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	H ₂ O: 160 mg/mL (319.62 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	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.

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

- Fridkin M, et al. Tuftsin: 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. Tuftsin Promotes an Anti-Inflammatory Switch and Attenuates Symptoms in Experimental Autoimmune Encephalomyelitis[J]. PLoS ONE, 2012, 7(4):e34933-.

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