

Thymotrinan

Chemical Properties

CAS No. : 85465-82-3

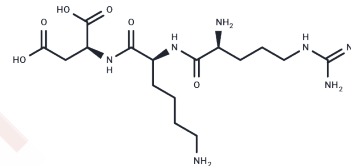
Formula: C₁₆H₃₁N₇O₆

Molecular Weight: 417.46

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	Thymotrinan is a thymopoietin oligopeptide.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3954 mL	11.9772 mL	23.9544 mL
5 mM	0.4791 mL	2.3954 mL	4.7909 mL
10 mM	0.2395 mL	1.1977 mL	2.3954 mL
50 mM	0.0479 mL	0.2395 mL	0.4791 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

Zhang Y, Feng J, Cui L, Zhang Y, Li W, Li C, Shi N, Chen Y, Kong W. Investigation Into Efficiency of a Novel Glycol Chitosan-Bestatin Conjugate to Protect Thymopoietin Oligopeptides From Enzymatic Degradation. *J Pharm Sci.* 2016 Feb;105(2):828-837. doi: 10.1002/jps.24567. Epub 2016 Jan 11. PubMed PMID: 26173563.

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Heizmann J, Langguth P, Biber A, Oschmann R, Merkle HP, Wolffram S. Enzymatic cleavage of thymopoietin oligopeptides by pancreatic and intestinal brush-border enzymes. *Peptides.* 1996;17(7):1083-9. PubMed PMID: 8959740.

Görög S, Balogh G, Csehi A, Csizér E, Gazdag M, Halmos Z, Hegedüs B, Herényi B, Horváth P, Laukó A. Estimation of impurity profiles in drugs and related materials. Part 11--The role of chromatographic and spectroscopic methods in the estimation of side-reactions in drug syntheses. *J Pharm Biomed Anal.* 1993 Nov-Dec;11(11-12):1219-26.

Review. PubMed PMID: 8123737.

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