

Thymocartin

Chemical Properties

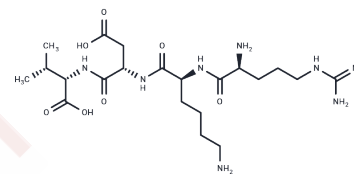
CAS No. : 85466-18-8

Formula: C₂₁H₄₀N₈O₇

Molecular Weight: 516.59

Storage: Store at low temperature, Keep away from moisture
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	Thymocartin (RGH 0206) is a fragment 32-35 of the naturally occurring thymic factor (thymopoietin). Thymocartin is used in the study of immunodeficiency diseases.
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9358 mL	9.6789 mL	19.3577 mL
5 mM	0.3872 mL	1.9358 mL	3.8715 mL
10 mM	0.1936 mL	0.9679 mL	1.9358 mL
50 mM	0.0387 mL	0.1936 mL	0.3872 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

Lang S, et al. Transport and metabolic pathway of thymocartin (TP4) in excised bovine nasal mucosa. J Pharm Pharmacol. 1996 Nov;48(11):1190-6.

Felder ChB, et al. Ultrasonic atomization and subsequent polymer desolvation for peptide and protein microencapsulation into biodegradable polyesters. J Microencapsul. 2003 Sep-Oct;20(5):553-67.

Schmidt MC, et al. Nasal epithelial permeation of thymotrigan (TP3) versus thymocartin (TP4): competitive metabolism and self-enhancement. Pharm Res. 2000 Feb;17(2):222-8.

Reithmeier H, et al. Lipid microparticles as a parenteral controlled release device for peptides. J Control Release. 2001 Jun 15;73(2-3):339-50.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481