

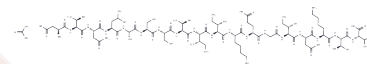
Peptide M acetate

Chemical Properties

CAS No. :

Formula: C83H145N21O33

Molecular Weight: 1965.16



Storage: Store at low temperature, Keep away from direct sunlight, Store under nitrogen, 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	Peptide M acetate is a synthetic amino acid (18 amino acids in length which correspond to the amino acid positions 303-322 of bovine S-antigen: DTNLA S STIIKEGIDKTV). Peptide M acetate is capable of inducing experimental autoimmune uveitis in monkeys and Hartley guinea pigs as well as Lewis rats.
Targets(IC50)	Others
In vitro	peptide M acetate is immunogenic in man and provide additional support to the hypothesis that the amino acid sequence which corresponds to peptide M acetate might be involved in uveitic conditions in man.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5089 mL	2.5443 mL	5.0886 mL
5 mM	0.1018 mL	0.5089 mL	1.0177 mL
10 mM	0.0509 mL	0.2544 mL	0.5089 mL
50 mM	0.0102 mL	0.0509 mL	0.1018 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

Hirose S, et al. Lymphocyte responses to peptide M and to retinal S-antigen in uveitis patients. Jpn J Ophthalmol. 1990;34(3):298-305.

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