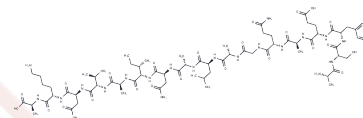


I α 52

Chemical Properties

CAS No. : 137756-45-7
Formula: C73H118N20O25
Molecular Weight: 1675.84
Storage: 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	I α 52 is a naturally occurring peptide derived from the murine I-E α chain, specifically from residues 52 to 68. It is involved in the selection process of immature T cells.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5967 mL	2.9836 mL	5.9672 mL
5 mM	0.1193 mL	0.5967 mL	1.1934 mL
10 mM	0.0597 mL	0.2984 mL	0.5967 mL
50 mM	0.0119 mL	0.0597 mL	0.1193 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

Bonnin D, et al. Ontogeny of synonymous T cell populations with specificity for a self MHC epitope mimicked by a bacterial homologue: an antigen-specific T cell analysis in a non-transgenic system. Eur J Immunol. 1999 Dec;29 (12):3826-36.

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