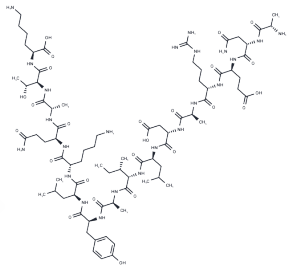
Data Sheet (Cat.No.TP1855)

TargetMol

Moth Cytochrome C (MCC) (88-103)

Chemical Properties



CAS No. : 108273-68-3

Formula: C79H133N23O25

Molecular Weight: 1805.04

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	Moth Cytochrome C (MCC) (88-103), derived from the carboxyl terminus of moth cytochrome c, induces positive selection of TCR transgenic thymocytes. Thymic positive and negative selections govern the development of a self-MHC-reactive, yet self-tolerant, T cell repertoire.
Targets(IC50)	Cytochromes P450

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.554 mL	2.770 mL	5.540 mL
5 mM	0.1108 mL	0.554 mL	1.108 mL
10 mM	0.0554 mL	0.277 mL	0.554 mL
50 mM	0.0111 mL	0.0554 mL	0.1108 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

Fazilleau, N. et al. (2009). The function of follicular helper T cells is regulated by the strength of T cell antigen receptor binding. Nature Immunol 10, 375.

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