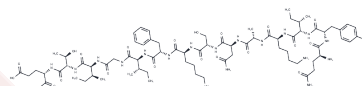


Tetanus toxin (830-843)

Chemical Properties

CAS No. :	119260-99-0
Formula:	C74H118N18O22
Molecular Weight:	1611.84
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Tetanus toxin (830-843) from tetanus toxoid is a universal human tetanus toxin T cell epitope. It induces T-cell activation and is used as a helper peptide in vaccinations.
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Solubility Information

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

	1mg	5mg	10mg
1 mM	0.6204 mL	3.102 mL	6.2041 mL
5 mM	0.1241 mL	0.6204 mL	1.2408 mL
10 mM	0.062 mL	0.3102 mL	0.6204 mL
50 mM	0.0124 mL	0.062 mL	0.1241 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

Diethelm-Okita BM, et al. Epitope repertoire of human CD4+ T cells on tetanus toxin: identification of immunodominant sequence segments. J Infect Dis. 1997 Feb;175(2):382-91.

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