

Tetanus toxin 830-843 acetate

Chemical Properties

CAS No. :

Formula: C76H122N18O24

Molecular Weight: 1671.89

Gln-Tyr-Ile-Lys-Ala-Asn-Ser-
Lys-Phe-Ile-Gly-Ile-Thr-Glu(acetate salt)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 | Tetanus toxin 830-843 acetate (Tetanus toxin 830-843 acetate (119260-99-0 free base)) 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. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.5981 mL | 2.9906 mL | 5.9813 mL |
| 5 mM | 0.1196 mL | 0.5981 mL | 1.1963 mL |
| 10 mM | 0.0598 mL | 0.2991 mL | 0.5981 mL |
| 50 mM | 0.012 mL | 0.0598 mL | 0.1196 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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