

SEB Domain 144-153 acetate

Chemical Properties

CAS No. :

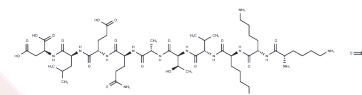
Formula: C52H94N14O19

Molecular Weight: 1219.4

Keep away from moisture

Storage: 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	SEB Domain 144-153 acetate(210229-94-0 free base) is amino acid residues 163-172 of the staphylococcal enterotoxin B domain. SEB Domain 144-153 acetate(210229-94-0 free base) has been shown to inhibit the transcytosis of several staphylococcal enterotoxins, SEA, SEE, and TSST-1.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: 10 mM, Sonication is recommended. DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8201 mL	4.1004 mL	8.2008 mL
5 mM	0.164 mL	0.8201 mL	1.6402 mL
10 mM	0.082 mL	0.410 mL	0.8201 mL
50 mM	0.0164 mL	0.082 mL	0.164 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

Rödström KE, et al. Structure of the superantigen staphylococcal enterotoxin B in complex with TCR and peptide-MHC demonstrates absence of TCR-peptide contacts. J Immunol. 2014 Aug 15;193(4):1998-2004.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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