

SEB Domain 144-153 TFA(210229-94-0 free base)

Chemical Properties

CAS No. :

Formula: C52H91F3N14O19

Molecular Weight: 1273.35

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 TFA is Staphylococcal Enterotoxin B domain amino acid residue 144-153. It inhibits transcytosis of multiple staphylococcal enterotoxins, SEE, SEA, and TSST-1.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7853 mL	3.9267 mL	7.8533 mL
5 mM	0.1571 mL	0.7853 mL	1.5707 mL
10 mM	0.0785 mL	0.3927 mL	0.7853 mL
50 mM	0.0157 mL	0.0785 mL	0.1571 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.

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