

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

Chemical Properties

CAS No.:	TP2163
Formula:	C52H91F3N14O19
Molecular Weight:	1273.35
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

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(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.785 mL	3.927 mL	7.853 mL
5 mM	0.157 mL	0.785 mL	1.571 mL
10 mM	0.079 mL	0.393 mL	0.785 mL
50 mM	0.016 mL	0.079 mL	0.157 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481