Product Data Sheet

KKKVTAQELD

Screening Libraries

SEB Domain (152-161)

Cat. No.: HY-P1900 CAS No.: 210229-94-0 Molecular Formula: $C_{50}H_{90}N_{14}O_{17}$ Molecular Weight: 1159.33

Sequence: Lys-Lys-Val-Thr-Ala-Gln-Glu-Leu-Asp

Sequence Shortening: KKKVTAQELD

Others Target: Others Pathway:

Storage: Sealed storage, away from moisture and light

> Powder -80°C 2 years -20°C 1 year

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture

and light)

SOLVENT & SOLUBILITY

In Vitro

DMSO: 100 mg/mL (86.26 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg	10 mg
	1 mM	0.8626 mL	4.3128 mL	8.6257 mL
	5 mM	0.1725 mL	0.8626 mL	1.7251 mL
	10 mM	0.0863 mL	0.4313 mL	0.8626 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

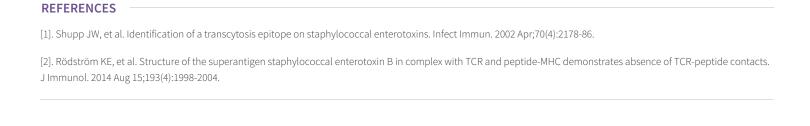
Description

SEB Domain (152-161) is Staphylococcal Enterotoxin B domain amino acid residue 152-161. Staphylococcal enterotoxin B (SEB) is a toxin produced by Staphylococcus aureus. SEB Domain (152-161) is highly conserved and can inhibit transcytosis of multiple staphylococcal enterotoxins, SEA, SEE, and TSST-1^{[1][2]}.

CUSTOMER VALIDATION

• Kidney Blood Press Res. 2023 Mar 6.

See more customer validations on www.MedChemExpress.com



 $\label{lem:caution:Product} \textbf{Caution: Product has not been fully validated for medical applications. For research use only.}$

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