

Product Data Sheet

Product Name: Enterotoxin STp (E. coli) (TFA)

Cat. No.: GC74391

Chemical Properties

Cas. No.

Formula $C_{81}H_{110}N_{20}O_{26}S_6 \cdot xC_2HF_3O_2$ M.Wt 1972.25 (free acid)

Solubility DMSO : ≥ 100 mg/mL Storage Store at $-20^{\circ}C$, Sealed storage, away from moisture

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

Asn-Thr-Phe-Tyr-Cys-Cys-Glu-Leu-Cys-
Cys-Asn-Pro-Ala-Cys-Ala-Gly-Cys-Tyr
(Disulfide bridge: Cys5-Cys10, Cys6-
Cys14, Cys9-Cys17) (TFA salt)

Background

Enterotoxin STp (E. coli) TFA is a heat-stable enterotoxin that can be used in vaccine research.

References:

[1]. Takt, et al. Heat-stable enterotoxin of enterotoxigenic Escherichia coli as a vaccine target. Infection and immunity 78.5 (2010): 1824-1831.

Caution: Product has not been fully validated for medical applications. For research use only.

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