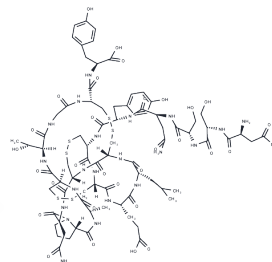


STh

Chemical Properties

CAS No. : 118447-40-8
 Formula: C79H112N22O30S6
 Molecular Weight: 2042.25
 Storage: Keep away from moisture
 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	STh, also known as Escherichia coli heat-stable toxin, is a 19 amino acid polypeptide containing three disulfide bridges. It serves as an antigen of significance in the quest for a comprehensive enterotoxigenic Escherichia coli (ETEC) vaccine.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4897 mL	2.4483 mL	4.8966 mL
5 mM	0.0979 mL	0.4897 mL	0.9793 mL
10 mM	0.049 mL	0.2448 mL	0.4897 mL
50 mM	0.0098 mL	0.049 mL	0.0979 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

Pål PUNTERVOLL, et al. Heat-stable enterotoxins mutants as antidiarrheal vaccine antigens. WO2020039387A1.

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