

Sphistin Synthetic Peptide

Chemical Properties

CAS No. :

Formula: C159H250N50O37S

Molecular Weight: 3486.06

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	Sphistin Synthetic Peptide is a truncated fragments of Sphistin Synthetic Peptide that shows potent antimicrobial activity.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2869 mL	1.4343 mL	2.8686 mL
5 mM	0.0574 mL	0.2869 mL	0.5737 mL
10 mM	0.0287 mL	0.1434 mL	0.2869 mL
50 mM	0.0057 mL	0.0287 mL	0.0574 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

Ma XW, et al. A truncated Sph12-38 with potent antimicrobial activity showing resistance against bacterial challenge in *Oryzias melastigma*. *Fish Shellfish Immunol.* 2017 Aug;67:561-570.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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