

Competence-Stimulating Peptide-12261 acetate

Chemical Properties

CAS No. :

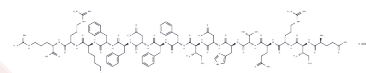
Formula: C102H153N31O25

Molecular Weight: 2213.5

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	Competence-Stimulating Peptide-12261 acetate is a fragment of sensory stimulation peptide, which is a quorum sensing molecule that inhibits germ tube (GT) formation
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4518 mL	2.2589 mL	4.5177 mL
5 mM	0.0904 mL	0.4518 mL	0.9035 mL
10 mM	0.0452 mL	0.2259 mL	0.4518 mL
50 mM	0.009 mL	0.0452 mL	0.0904 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

Lucja, M, Jarosz, et al. Streptococcus mutans competence-stimulating peptide inhibits Candida albicans hypha formation.[J]. Eukaryotic Cell, 2009.

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