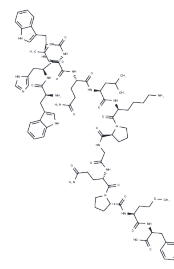


α -Factor Mating Pheromone, yeast

Chemical Properties

CAS No. :	59401-28-4
Formula:	C ₈₂ H ₁₁₄ N ₂₀ O ₁₇ S
Molecular Weight:	1684
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Alpha factor mating pheromone is a peptide of 13 amino acids secreted by <i>Saccharomyces cerevisiae</i> α cells.
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Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5938 mL	2.9691 mL	5.9382 mL
5 mM	0.1188 mL	0.5938 mL	1.1876 mL
10 mM	0.0594 mL	0.2969 mL	0.5938 mL
50 mM	0.0119 mL	0.0594 mL	0.1188 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

Naider F, et al. The alpha-factor mating pheromone of *Saccharomyces cerevisiae*: a model for studying the interaction of peptide hormones and G protein-coupled receptors. *Peptides*. 2004 Sep;25(9):1441-63.

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