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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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α -Factor Mating Pheromone, yeast acetate

Chemical Properties

CAS No. :

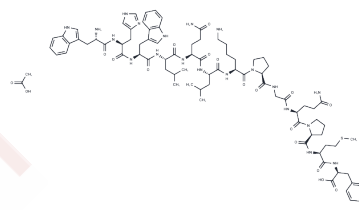
Formula: C84H118N20O19S

Molecular Weight: 1744.05

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	α -Factor Mating Pheromone, yeast acetate (Mating Factor α acetate) is a peptide of 13 amino acids secreted by <i>Saccharomyces cerevisiae</i> α cells.
Targets(IC50)	Others
In vitro	α -Factor Mating Pheromone, yeast is synthesized constitutively by MAT α cells and acting on MAT α cells[1]. α -Factor Mating Pheromone, yeast inhibits the division cycle of yeast α cells, and competes for binding of 35S- α -factor to haploid α cells, with K _d of 0.3 μ M, and this binding is related to five temperature-sensitive ste2 mutants, and is thermolabile. However, α -Factor Mating Pheromone, yeast binding activity of other temperature-sensitive mutants (ste4, ste5, ste7, ste11, and ste12) shows no thermolability[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5734 mL	2.8669 mL	5.7338 mL
5 mM	0.1147 mL	0.5734 mL	1.1468 mL
10 mM	0.0573 mL	0.2867 mL	0.5734 mL
50 mM	0.0115 mL	0.0573 mL	0.1147 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.

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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