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## Product Information

### **$\alpha_1$ -Mating Factor acetate salt hydrate**

Product Number **T 6901**

Storage Temperature  $-0\text{ }^{\circ}\text{C}$

#### **Product Description**

This is  $\alpha_1$ -mating factor of yeast; one of two pheromones secreted by yeast to regulate mating. This product can be used to arrest various yeast strains in the G1-phase of the cell cycle.<sup>1,2</sup>

This product is purified and desalted by C18 column chromatography.

#### **Precautions and Disclaimer**

For Laboratory Use Only. Not for drug, household or other uses.

#### **Preparation Instructions**

This product is soluble in water (10 mg/ml).

#### **Storage/Stability**

Solutions are stable in frozen aliquots for approximately one year (1 mg/ml in water), but rapidly lose activity after one year.

#### **References**

1. Siede, W. et al., Regulation of the RAD2 gene of *Saccharomyces Cerevisiae*. *Mol. Microbiol.*, **3**, 1697-1707 (1989).
2. Siede, W., and Friedberg, E. C., Influence of DNA Repair Deficiencies on the UV Sensitivity of Yeast Cells in Different Cell Cycle Stages. *Mutat. Res.*, **245**, 287-292 (1990).

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