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Product Information

α_1 -Mating Factor acetate salt hydrate

Product Number **T 6901**

Storage Temperature -0°C

Product Description

This is α_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.^{1,2}

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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