
Product Data Sheet

Product Name: α -Factor Mating Pheromone, yeast (TFA)

Cat. No.: GC38042

Chemical Properties

Cas. No.

Formula $C_{84}H_{115}N_{20}F_3O_{19}S$ M.Wt 1798.02

Solubility Soluble in DMSO Storage $-20^{\circ}C$, protect from light

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

Background

α -Factor Mating Pheromone, yeast (TFA) is a tridecapeptide secreted by *S. cerevisiae* α cells via Ste2p receptor[1].

[1]. [1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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