

α-Factor Mating Pheromone, yeast TFA

Cat. No.:	HY-P1482A	
Molecular Formula:	C ₈₄ H ₁₁₅ N ₂₀ F ₃ O ₁₉ S	
Molecular Weight:	1798.02	
Sequence:	Trp-His-Trp-Leu-Gln-Leu-Lys-Pro-Gly-Gln-Pro-Met-Tyr	WHWLQLKPGQPMY (TFA salt)
Sequence Shortening:	WHWLQLKPGQPMY	
Target:	Others	
Pathway:	Others	
Storage:	Sealed storage, away from moisture and light	
	Powder	-80°C 2 years
		-20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)	

SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 100 mg/mL (55.62 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	1 mg	5 mg	10 mg
	Concentration	Mass		
	1 mM	0.5562 mL	2.7808 mL	5.5617 mL
	5 mM	0.1112 mL	0.5562 mL	1.1123 mL
	10 mM	0.0556 mL	0.2781 mL	0.5562 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

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

CUSTOMER VALIDATION

- bioRxiv. 2023 Jun 1.

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REFERENCES

[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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