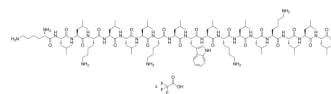


Hel 13-5 TFA

Cat. No.:	HY-P4371A
Molecular Formula:	$C_{113}H_{204}N_{24}O_{19} \cdot xC_2HF_3O_2$
Sequence:	Lys-Leu-Leu-Lys-Leu-Leu-Leu-Lys-Leu-Trp-Leu-Lys-Leu-Leu-Lys-Leu-Leu-Leu
Sequence Shortening:	KLLKLLKLWLKLLKLLL
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description

Hel 13-5 TFA is a monomeric synthetic peptide based on the N-terminal fragment of human SP-B. Hel 13-5 TFA is mainly α -helical and consists of 13 hydrophobic amino acid residues and 5 hydrophilic amino acid residues. Hel 13-5 TFA can be combined with phospholipids for the development of a model system for pulmonary surfactant^{[1][2]}.

REFERENCES

- [1]. Nakahara H, et al. Pulmonary surfactant model systems catch the specific interaction of an amphiphilic peptide with anionic phospholipid[J]. Biophysical journal, 2009, 96(4): 1415-1429.
- [2]. Nakahara H, et al. Langmuir monolayer of artificial pulmonary surfactant mixtures with an amphiphilic peptide at the air/water interface: comparison of new preparations with Surfacten (Surfactant TA)[J]. Langmuir, 2008, 24(7): 3370-3379.

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

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