

Hel 13-5

Cat. No.:	HY-P4371
CAS No.:	177942-21-1
Molecular Formula:	C ₁₁₃ H ₂₀₄ N ₂₄ O ₁₉
Molecular Weight:	2202.98
Sequence:	Lys-Leu-Leu-Lys-Leu-Leu-Leu-Lys-Leu-Trp-Leu-Lys-Leu-Leu-Lys-Leu-Leu-Leu
Sequence Shortening:	KLLKLLKLWLKLLKLL
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Hel 13-5 is a monomeric synthetic peptide based on the N-terminal segment of human SP-B. Hel 13-5 mainly is a-helical and consists of 13 hydrophobic and 5 hydrophilic amino acid residues. Hel 13-5 can be used in combination with phospholipids for developing pulmonary surfactant model systems^{[1][2]}.

REFERENCES

[1]. Nakahara H, et al. Pulmonary surfactant model systems catch the specific interaction of an amphiphilic peptide with anionic phospholipid. *Biophys J.* 2009 Feb 18;96(4):1415-29.

[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). *Langmuir.* 2008 Apr 1;24(7):3370-9.

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

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