

Emfilermin

Cat. No.:	HY-P4066
CAS No.:	159075-60-2
Molecular Formula:	C ₈₈₄ H ₈₁₅ N ₂₄₅ O ₂₅₁ S ₇
Molecular Weight:	19110.84
Sequence:	Ser-Pro-Leu-Pro-Ile-Thr-Pro-Val-Asn-Ala-Thr-Cys-Ala-Ile-Arg-His-Pro-Cys-His-Asn-Asn-Leu-Met-Asn-Gln-Ile-Arg-Ser-Gln-Leu-Ala-Gln-Leu-Asn-Gly-Ser-Ala-Asn-Ala-Leu-Phe-Ile-Leu-Tyr-Tyr-Thr-Ala-Gln-Gly-Glu-Pro-Phe-Pro-Asn-Asn-Leu-Asp-Lys-Leu-Cys-Gly-Pro-Asn-Val-Thr-Asp-Phe-Pro-Pro-Phe-His-Ala-Asn-Gly-Thr-Glu-Lys-Ala-Lys-Leu-Val-Glu-Leu-Tyr-Arg-Ile-Val-Val-Tyr-Leu-Gly-Thr-Ser-Leu-Gly-Asn-Ile-Thr-Arg-Asp-Gln-Lys-Ile-Leu-Asn-Pro-Ser-Ala-Leu-Ser-Leu-His-Ser-Lys-Leu-Asn-Ala-Thr-Ala-Asp-Ile-Leu-Arg-Gly-Leu-Leu-Ser-Asn-Val-Leu-Cys-Arg-Leu-Cys-Ser-Lys-Tyr-His-Val-Gly-His-Val-Asp-Val-Thr-Tyr-Gly-Pro-Asp-Thr-Ser-Gly-Lys-Asp-Val-Phe-Gln-Lys-Lys-Lys-Leu-Gly-Cys-Gln-Leu-Leu-Gly-Lys-Tyr-Lys-Gln-Ile-Ile-Ala-Val-Leu-Ala-Gln-Ala-Phe(Disulfide bridge:Cys12-Cys134,Cys18-Cys131,Cys60-Cys163)
Sequence Shortening:	SPLPITPVNATCAIRHPCHNNLMNQIRSQALQLNGSANALFILYTAQGEPPFNLDKLCGPNV TDFPPFHANGTEKAKLVELYRIVVYLGTS LGNITRDQKILNPSALSLSKLNATADILRGLLSNVL CRLCSKYHVG HVDVTYGPDTSGKDV FQKKKLG CQLLGKYKQIIAVLAQAF((Disulfide bridge: Cys12-Cys134,Cys18-Cys131,Cys60-Cys163)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Emfilermin is a recombinant human leukaemia inhibitory factor (LIF) that can be used in chemotherapy-induced peripheral neuropathy studies ^[1] .
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REFERENCES

[1]. Ian D Davis, et al. A randomized, double-blinded, placebo-controlled phase II trial of recombinant human leukemia inhibitory factor (rhuLIF, emfilermin, AM424) to prevent chemotherapy-induced peripheral neuropathy. Clin Cancer Res. 2005 Mar 1;11(5):1890-8.

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

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