

## Ecallantide

Cat. No.:	HY-108814
CAS No.:	460738-38-9
Molecular Formula:	C <sub>305</sub> H <sub>442</sub> N <sub>88</sub> O <sub>91</sub> S <sub>8</sub>
Molecular Weight:	7053.81
Sequence:	Glu-Ala-Met-His-Ser-Phe-Cys-Ala-Phe-Lys-Ala-Asp-Asp-Gly-Pro-Cys-Arg-Ala-Ala-His-Pro-Arg-Trp-Phe-Phe-Asn-Ile-Phe-Thr-Arg-Gln-Cys-Glu-Glu-Phe-Ile-Tyr-Gly-Gly-Cys-Glu-Gly-Asn-Gln-Asn-Arg-Phe-Glu-Ser-Leu-Glu-Glu-Cys-Lys-Lys-Met-Cys-Thr-Arg-Asp (Disulfide bond:Cys1-Cys6, Cys2-Cys4, Cys3-Cys5)
Sequence Shortening:	EAMHSFAFKADDGPCRAAHPWWFFNIFTRQCEEFYGGCEGNQRNRFESLEECKKMCTRD (Disulfide bond:Cys1-Cys6, Cys2-Cys4, Cys3-Cys5)
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Ecallantide (DX-88) is a specific plasma kallikrein inhibitor. Ecallantide inhibits the production of bradykinin. Ecallantide can be used to prevent acute attacks of angioedema<sup>[1]</sup>.

### REFERENCES

[1]. Martello JL, et al. Ecallantide for treatment of acute attacks of hereditary angioedema. Am J Health Syst Pharm. 2012 Apr 15;69(8):651-7.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA