

C-Type Natriuretic Peptide (1-53), human TFA

Cat. No.:	HY-P1815A
Molecular Formula:	$C_{251}H_{417}N_{81}O_{71}S_3 \cdot xC_2H_3O_2$
Sequence:	Asp-Leu-Arg-Val-Asp-Thr-Lys-Ser-Arg-Ala-Ala-Trp-Ala-Arg-Leu-Leu-Gln-Glu-His-Pro-Asn-Ala-Arg-Lys-Tyr-Lys-Gly-Ala-Asn-Lys-Lys-Gly-Leu-Ser-Lys-Gly-Cys-Phe-Gly-Leu-Lys-Leu-Asp-Arg-Ile-Gly-Ser-Met-Ser-Gly-Leu-Gly-Cys (Disulfide bridge:Cys37-Cys55) <small>DLRVDTKSRAAWARLLQEHPNARKYKGANCKGLSKGCFGLKLDRIQSMSGLGC (Disulfide bridge:Cys37-Cys55) (TFA salt)</small>
Sequence Shortening:	DLRVDTKSRAAWARLLQEHPNARKYKGANCKGLSKGCFGLKLDRIQSMSGLGC (Disulfide bridge:Cys37-Cys55)
Target:	Angiotensin Receptor
Pathway:	GPCR/G Protein
Storage:	Sealed storage, away from moisture and light, under nitrogen 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, under nitrogen)

BIOLOGICAL ACTIVITY

Description

C-Type Natriuretic Peptide (1-53), human TFA is the 1-53 fragment of C-Type Natriuretic Peptide. C-Type Natriuretic Peptide TFA is natriuretic peptide family peptide that is involved in the maintenance of electrolyte-fluid balance and vascular tone^[1]

REFERENCES

[1]. Minamino N, et al. N-terminally extended form of C-type natriuretic peptide (CNP-53) identified in porcine brain. Biochem Biophys Res Commun. 1990 Jul 31;170(2):973-9.

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

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