

Sarafotoxin S6b

Cat. No.:	HY-P3433
CAS No.:	120972-53-4
Molecular Formula:	C ₁₁₀ H ₁₅₉ N ₂₇ O ₃₄ S ₅
Molecular Weight:	2563.92
Sequence:	Cys-Ser-Cys-Lys-Asp-Met-Thr-Asp-Lys-Glu-Cys-Leu-Tyr-Phe-Cys-His-Gln-Asp-Val-Ile-Tr p (Disulfide bridge: Cys1-Cys15, Cys3-Cys11)
Sequence Shortening:	CSCKDMDKECLYFCHQDVIW (Disulfide bridge: Cys1-Cys15, Cys3-Cys11)
Target:	Endothelin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Sarafotoxin S6b is a vasoconstrictor peptide, and a non-selective endothelin receptor agonist. Sarafotoxin S6b can induce contraction in isolated human coronary arteries, the K_i values of Coronary artery, Saphenous vein and Coronary artery are 0.27, 0.55 and 19.5 nM, respectively^[1].

REFERENCES

[1]. P S Devadason et al. Comparison of the contractile effects and binding kinetics of endothelin-1 and sarafotoxin S6b in rat isolated renal artery. Br J Pharmacol. 1997 May;121(2):253-63.

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

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