

## [Lys4] Sarafotoxin S6c

Cat. No.:	HY-P3563
CAS No.:	1219444-22-0
Molecular Formula:	C <sub>105</sub> H <sub>153</sub> N <sub>27</sub> O <sub>36</sub> S <sub>5</sub>
Molecular Weight:	2529.82
Sequence Shortening:	CTCKDMTDEECLNFCHQDVIW (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

<b>Description</b>	[Lys4] Sarafotoxin S6c, a sarafotoxin analogue, is a potent and partial agonist of endothelin receptor. [Lys4] Sarafotoxin S6c elicits contraction of pig coronary artery, with an EC <sub>50</sub> of 1.5 nM <sup>[1]</sup> .
<b>In Vitro</b>	[Lys4] Sarafotoxin S6c is equipotent to sarafotoxin S6c <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Schoeffter P, et al. Differences between endothelin receptors mediating contraction of guinea-pig aorta and pig coronary artery. Eur J Pharmacol. 1993 Nov 9;249(2):199-206.

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

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