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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SPSB2-iNOS inhibitory cyclic peptide-1

Cat. No.:	HY-P10383
CAS No.:	1621616-13-4
Molecular Formula:	C ₃₅ H ₅₆ N ₁₂ O ₁₄ S ₂
Molecular Weight:	933.02
Sequence:	Ac-Cys-Val-Asp-Ile-Asn-Asn-Asn-Cys-NH ₂ (Disulfide bridge: Cys1-Cys8)
Sequence Shortening:	Ac-CVDINNNC-NH ₂ (Disulfide bridge: Cys1-Cys8)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

SPSB2-iNOS inhibitory cyclic peptide-1 is an inhibitor for the interaction of SPRY domain and SOCS-box protein 2 (SPSB2) and iNOS, through binding SPSB2 on iNOS site with K_D of 4.4 nM. SPSB2-iNOS inhibitory cyclic peptide-1 is resistant to the proteases pepsin, trypsin and α -chymotrypsin. SPSB2-iNOS inhibitory cyclic peptide-1 is stable in human plasma and in oxidative environment^[1].

REFERENCES

[1]. Yap BK, et al., A potent cyclic peptide targeting SPSB2 protein as a potential anti-infective agent. J Med Chem. 2014 Aug 28;57(16):7006-15.

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

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