

SFTI-1

Cat. No.:	HY-P10033
CAS No.:	245080-24-4
Molecular Formula:	C ₆₇ H ₁₀₄ N ₁₈ O ₁₈ S ₂
Molecular Weight:	1513.78
Sequence:	Arg-Cys-Thr-Lys-Ser-Ile-Pro-Pro-Ile-Cys-Phe-Pro-Asp-Gly (Disulfide bridge: Cys2-Cys10)
Sequence Shortening:	RCTKSIPPICFPDG (Disulfide bridge: Cys2-Cys10)
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	SFTI-1 is a cyclic peptide trypsin inhibitor comprising 14 amino acid residues. SFTI-1 is a potent Bowman-Birk inhibitor.
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REFERENCES

[1]. M L Korsinczy, et al. Solution structures by 1H NMR of the novel cyclic trypsin inhibitor SFTI-1 from sunflower seeds and an acyclic permutant. J Mol Biol. 2001 Aug 17;311(3):579-91.

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

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