

Kp7-6

Cat. No.:	HY-P10102
CAS No.:	629628-53-1
Molecular Formula:	C ₄₈ H ₅₆ N ₁₀ O ₁₅ S ₂
Molecular Weight:	1077.15
Sequence:	Tyr-Cys-Asp-Glu-His-Phe-Cys-Tyr (Disulfide bridge:Cys2-Cys7)
Sequence Shortening:	YCDEHFCY (Disulfide bridge:Cys2-Cys7)
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

BIOLOGICAL ACTIVITY

Description

Kp7-6, a Fas mimetic peptide, is a Fas/FasL antagonist. Kp7-6 protects cells from Fas-mediated apoptosis, and protects mice from Fas-mediated hepatic injury^{[1][2]}.

REFERENCES

- [1]. Zhang S, et al. Fas-associated death receptor signaling evoked by human amylin in islet beta-cells. *Diabetes*. 2008 Feb;57(2):348-56.
- [2]. Hasegawa A, et al. Fas-disabling small exocyclic peptide mimetics limit apoptosis by an unexpected mechanism. *Proc Natl Acad Sci U S A*. 2004 Apr 27;101(17):6599-604.

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

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