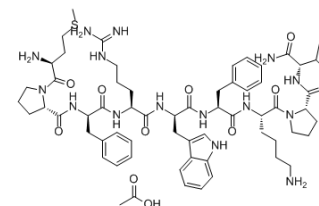


Nonapeptide-1 acetate salt

Cat. No.:	HY-P0097A		
Molecular Formula:	C ₆₃ H ₉₁ N ₁₅ O ₁₁ S		
Molecular Weight:	1266.56		
Target:	Melanocortin Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-80°C	2 years
		-20°C	1 year
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Nonapeptide-1 acetate salt, a peptide hormone, is a potent α -Melanocyte-stimulating hormone (α -MSH) antagonist, with an IC ₅₀ of 11 nM. Reduces synthesis of melanin and helps decrease skin pigmentation to a substantial degree ^[1] .
IC ₅₀ & Target	IC50: 11 nM (α -MSH) ^[1] .

REFERENCES

[1]. Jayawickreme CK, et al. Discovery and structure-function analysis of alpha-melanocyte-stimulating hormone antagonists. J Biol Chem. 1994 Nov 25;269(47):29846-54.

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

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