

Product Name	: Nonapeptide-1 acetate salt
Synonyms	: Melanostatine-5 acetate salt
Cat No.	: M22295
CAS Number	: □
Molecular Formula	: C63H91N15O11S
Formula Weight	: 1266.56
Chemical Name	: —
Description	Nonapeptide-1 acetate salt, a peptide hormone, is a potent α -Melanocyte-stimulating hormone (α -MSH) antagonist, with an IC50 of 11 nM. Nonapeptide-1 acetate salt Nonapeptide-1 acetate salt, a peptide hormone, is a potent α -Melanocyte-stimulating hormone (α -MSH) antagonist, with an IC50 of 11 nM.
Pathway	: GPCR/G Protein
Target	: Melanocortin Receptor
Receptor	: α -MSH
Solubility	: —
SMILES	: <chem>CC(=O)O.O=C(N[C@@H](C(N)=O)C(C)C)[C@@H](CCCCN6C(=O)[C@H](CCCCN)NC(=O)[C@H](Cc1ccccc1)NC(=O)[C@@H](Cc3cnc2ccccc23)NC(=O)[C@H](CCCNC(=N)N)NC(=O)[C@@H](Cc4ccccc4)NC(=O)[C@H](CCCCN5C(=O)[C@@H](N)CCSC</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

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.