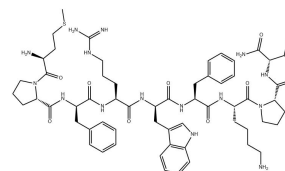


Technical Data Sheet

Nonapeptide-1

Compound Information

Product Name:	Nonapeptide-1
CAS No.:	158563-45-2
Molecular Formula:	C ₆₁ H ₈₇ N ₁₅ O ₉ S
Molecular Weight:	1206.5
Storage:	Powder ≤ -20°C, dry, sealed
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	Nonapeptide-1 acetate salt is a peptide hormone, which is a potent antagonist of α -melanocyte-stimulating hormone (α -MSH) with an IC ₅₀ value of 11 nM. Nonapeptide-1 (Melanostatin-5) acetate salt is a selective antagonist of MC1R (K _i =40 nM).
Form	Solid
Color	white or off-white powder
Solubility	soluble in water (≥0.1g/ml)
Form	Solid

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.