



Genemed Synthesis, Inc.

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Name	Endothelin-1 (human, bovine, dog, mouse, porcine, rat) Acetate
Cat #	PP-1220
Size	1 mg and bulk custom packages
CAS#	117399-94-7
Mol. Mass	2491.9
Formula	C ₁₀₉ H ₁₅₉ N ₂₅ O ₃₂ S ₅
Sequence	H-Cys-Ser-Cys-Ser-Ser-Leu-Met-Asp-Lys-Glu-Cys-Val-Tyr-Phe-Cys-His-Leu-Asp-Ile-Ile-Trp-OH acetate salt (Disulfide bonds between Cys ¹ and Cys ¹⁵ /Cys ³ and Cys ¹¹)
Purity	
Appearance	
General Information	A 21-amino acid peptide produced in a variety of tissues including endothelial and vascular smooth-muscle cells, neurons and astrocytes in the central nervous system, and endometrial cells. It acts as a modulator of vasomotor tone, cell proliferation, and hormone production. Endothelins are proteins that constrict blood vessels and raise blood pressure. They are normally kept in balance by other mechanisms, but when they are over-expressed, they contribute to high blood pressure (hypertension) and heart disease.