Endothelin-2, human

**Product Information**

- **Product ID**: E5221
- **CAS No.**: 123562-20-9

**Chemical Name**

**Synonym**

**Formula**: C₁₁₅H₁₆₀N₂₆O₃₂S₄

**Formula Wt.**: 2546.97

**Melting Point**

- **Purity**: ≥95%
- **Solubility**: Soluble in water (1 mg/mL).

**Store Temp**: -20°C

**Ship Temp**: Ambient

**Description**

Endothelin-2 is an endogenous peptide agonist at endothelin A and B (ET-A/B) receptors that exhibits anti-angiogenic and vasoconstrictive activities. Endothelin-2 inhibits endothelial cell migration and invasion, suppressing vascular development in the retina. In arteries, this peptide induces vasoconstriction in a PLC/ROCK-dependent manner. Additionally, endothelin-2 promotes myelination in animal models.

**References**


**Caution**: This product is intended for laboratory and research use only. It is not for human or drug use.