LKT Laboratories, Inc.
Endothelin-1, human

Product Information

Product ID E5219
CAS No. 117399-94-7

Chemical Name

Synonym ET-1.

Formula C_{109}H_{159}N_{25}O_{32}S_{5}
Formula Wt. 2491.95
Melting Point

Purity ≥95%
Solubility Soluble in 1% acetic acid (1 mg/mL), water (1 mg/mL), 50% acetonitrile (1 mg/mL).

Store Temp -20°C
Ship Temp Ambient

Description Endothelin-1 is an endogenous peptide agonist at endothelin A and B (ET-A/B) receptors that exhibits anti-angiogenic and vasoconstrictive activities. Endothelin-1 decreases tube formation and PPARγ expression in pulmonary artery endothelial cells. This peptide also increases expression of IL-18 in osteoblasts, inducing proliferation.

References


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