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## EDN1 Acitive Peptide

Catalog Number: bs-0954P

AA Seq: CSCSSLMDKECVYFCHLDIIW (Disulfide bridges C1-C15, C3-C11)

Detected MW: 2491.9

Activity: Yes

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Endothelins (ET) show potent constrictor activity in vascular and non-vascular smooth muscle. This family of 21-amino acid peptides exists in at least three isoforms - ET-1, ET-2, and ET-3, and is produced in endothelial and epithelial cells. ET's can mediate biological effects in cells and tissues, and have been shown to bind to an ET receptor in the lung, kidney, heart, and liver. Endothelin 1 is expressed in lung, placental stem villi vessels and in cultured placental vascular smooth muscle cells.

Molecular weight: 2491.9

Molecular formula: C109H159N25O32S5

CAS: 117399-94-7

MDL: MFCD00133305

Reconstitution: 1mM (1mg/0.4013mL)

### PRODUCT SPECIFIC PUBLICATIONS

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**[IF=6.785]** Tian B et al. Electrochemical Immunoassay of Endothelin-1 Based on a Fenton-Type Reaction Using Cu(II)-Containing Nanocomposites as Nanozymes Anal Chem.2020 Dec 15;92(24):15916-15926. Other ; . 33263992