PRODUCT INFORMATION

Adrenomedullin (11-50) (rat) (trifluoroacetate salt)
Item No. 27124

Formal Name: 11-50-adrenomedullin (rat), trifluoroacetate salt
MF: C_{194}H_{304}N_{58}O_{59}S_{4} • XCF_{3}COOH
FW: 4,521.1
Purity: ≥95%
Supplied as: A solid
Storage: -20°C
Stability: ≥2 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Adrenomedullin (11-50) (rat) (trifluoroacetate salt) is supplied as a solid. A stock solution may be made by dissolving the adrenomedullin (11-50) (rat) (trifluoroacetate salt) in water. The solubility of adrenomedullin (11-50) (rat) (trifluoroacetate salt) in water is approximately 1 mg/ml. We do not recommend storing the aqueous solution for more than one day.

Description

Adrenomedullin (11-50) is a truncated form of rat adrenomedullin. Intravenous administration of adrenomedullin (11-50) (3-10 μg/animal) decreases mean systemic arterial pressure in rats in a dose-dependent manner without affecting cardiac output. Cerebroventricular injection of adrenomedullin (11-50) (88 pmol) reduces water intake in response to angiotensin II (Item No. 17150), overnight water deprivation, and hyperosmotic challenge in rats.

References


H—Ser—Thr—Gly—Cys—Arg—Phe—Gly—Thr—Cys—Thr—

Met—Gln—Lys—Leu—Ala—His—Gln—Ile—Tyr—Gln—
Phe—Thr—Asp—Lys—Asp—Lys—Asp—Gly—Met—Ala—

Pro—Arg—Asn—Lys—Ile—Ser—Pro—Gln—Gly—Tyr—NH_{2}

• XCF_{3}COOH