

Adrenomedullin (trifluoroacetate salt) Biochemical

Adrenomedullin (13-52)(human)(trifluoroacetate salt)

CATALOG #
AAA227174

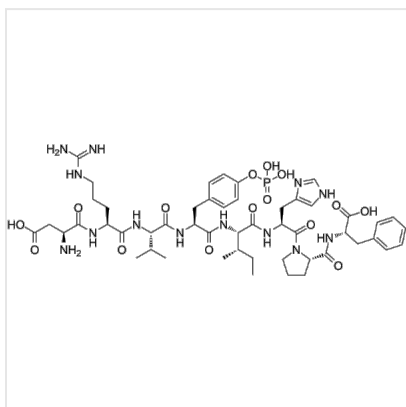
PRODUCT SYNONYMS

Adrenomedullin (trifluoroacetate salt); Adrenomedullin (13-52)(human)(trifluoroacetate salt); Adrenomedullin (trifluoroacetate salt) biochemical

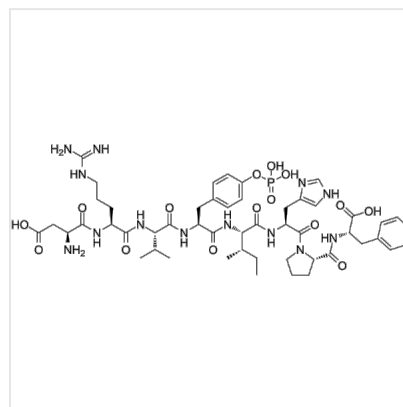
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: 1 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
In vitro	In vivo, adrenomedullin (13-52) decreases mean arterial pressure (MAP) in spontaneously and renal hypertensive rats in a dose-dependent manner. Adrenomedullin (13-52)(10-3,000 ng per animal) reverses increases in lobar arterial pressure induced by U-46619 in a dose-dependent manner in cats but has no effect on basal lobar arterial pressure or systemic arterial pressure. It also potentiates inflammatory edema and neutrophil accumulation in rats.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
[Tyr(P)4] Angiotensin II, CAS 129785-85-9



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ADDITIONAL INFORMATION

Related Product Information for Adrenomedullin (trifluoroacetate salt) biochemical	Adrenomedullin (13-52) is a truncated form of adrenomedullin (1-52). It induces nitric oxide-dependent relaxation of and inhibits release of angiotensin II and endothelin-1 from isolated rat aorta.
References	1. E A Kitas, et al. Chemical synthesis of an O-phosphorylated tyrosine analogue of human angiotensin II, [Tyr(P)4] angiotensin II, and its vasoconstrictor effect in intact sheep. Pept Res. Jul-Aug 1993;6(4):205-10.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

