

Product Datasheet

Adrenomedullin (13-52) peptide (orb216430)

Description	Adrenomedullin (13-52) peptide
Form/Appearance	Lyophilized powder
Storage	Shipped at 4°C. Store at -20°C for one year.
Note	For research use only
Application notes	This adrenomedullin fragment possessed vasodilatory activity. It has been suggested to modulate receptor-mediated, but not voltage-dependent, pulmonary vascular contraction by influencing Ca^{2+} influx. Therefore, it has been proposed that hADM (13-52) acts as an endothelium-dependent vasodilator agent in the pulmonary vascular bed of the rat. Furthermore, this compound may act as a modulator of the vascular phases of inflammation.
Protein Sequence	H-Ser-Phe-Gly-Cys-Arg-Phe-Gly-Thr-Cys-Thr-Val-Gln-Lys-Leu-Ala-His-Gln-Ile-Tyr-Gln-Phe-Thr-Asp-Lys-Asp-Lys-Asp-Asn-Val-Ala-Pro-Arg-Ser-Lys-Ile-Ser-Pro-Gln-Gly-Tyr-NH ₂ (Disulfide bridge Cys16-Cys21)
Formula	$\text{C}_{200}\text{H}_{308}\text{N}_{58}\text{O}_{59}\text{S}_2$
Purity	> 95%
Source	Synthetic
MW	4533.17
CAS Number	154765-05-6
Expiration Date	12 months from date of receipt.