

Data Sheet (Cat.No.TP2214)

Adrenomedullin (1-12), human

Chemical Properties

CAS No.:	TP2214
Formula:	C ₆₄ H ₁₀₀ N ₂₂ O ₁₉ S
Molecular Weight:	1513.68
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Adrenomedullin (AM) (1-12), human, is a peptide with the sequence Tyr-Arg-Gln-Ser-Met-Asn-Asn-Phe-Gln-Gly-Leu-Arg. Adrenomedullin (AM) (1-12), human, was initially identified as a vasodilator, and as such, it has the ability to relax vascular tone. Other effects of AM include the increase of cell tolerance to oxidative stress and hypoxic injury and angiogenesis. AM is seen as a positive influence in diseases such as hypertension, myocardial infarction, chronic obstructive pulmonary disease, and other cardiovascular conditions.
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Solubility Information

Solubility	DMSO: ≥151.3mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.661 mL	3.303 mL	6.606 mL
5 mM	0.132 mL	0.661 mL	1.321 mL
10 mM	0.066 mL	0.33 mL	0.661 mL
50 mM	0.013 mL	0.066 mL	0.132 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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