

## Adrenomedullin (1-12), human

## Chemical Properties

CAS No. :

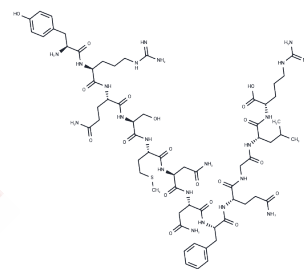
Formula: C64H100N22O19S

Molecular Weight: 1513.68

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## 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. |
| Targets(IC50) | Others   |

## Solubility Information

|            |   |
|------------|---|
| Solubility | DMSO: ≥151.3 mg/mL, Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.6606 mL | 3.3032 mL | 6.6064 mL |
| 5 mM  | 0.1321 mL | 0.6606 mL | 1.3213 mL |
| 10 mM | 0.0661 mL | 0.3303 mL | 0.6606 mL |
| 50 mM | 0.0132 mL | 0.0661 mL | 0.1321 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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