

Adrenomedullin (AM) (1-52), human TFA

Chemical Properties

CAS No. :

Formula: C266H407F3N8007953

Molecular Weight: 6142.76

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) (1-52), human (TFA), is an NH ₂ -terminal truncated adrenomedullin analogue that influences cell proliferation and angiogenesis in cancer.
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Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1628 mL	0.814 mL	1.6279 mL
5 mM	0.0326 mL	0.1628 mL	0.3256 mL
10 mM	0.0163 mL	0.0814 mL	0.1628 mL
50 mM	0.0033 mL	0.0163 mL	0.0326 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.

Reference

Lim SY, et al. Transcriptional regulation of adrenomedullin by oncostatin M in human astrogloma cells: implications for tumor invasion and migration. Sci Rep. 2014 Sep 23;4:6444.

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