

Adrenomedullin (AM) (1-52), human

Chemical Properties

CAS No. :	148498-78-6
Formula:	C264H406N80O77S3
Molecular Weight:	6028.82
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Adrenomedullin (AM) (1-52), human, is a 52-amino acid peptide that modulates cellular proliferation and angiogenesis in cancer.
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Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1659 mL	0.8293 mL	1.6587 mL
5 mM	0.0332 mL	0.1659 mL	0.3317 mL
10 mM	0.0166 mL	0.0829 mL	0.1659 mL
50 mM	0.0033 mL	0.0166 mL	0.0332 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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