

Product Data Sheet

Product Name: Adrenomedullin (AM) (1-52), human TFA

Cat. No.: GC35258

Chemical Properties

Cas. No.

Formula C₂₆₆H₄₀₇F₃N₈₀O₇₉S₃ M.Wt 6142.76

Solubility Soluble in Water Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

YRQSMNMFQGLRSFGCRFGTCTVQKLAHQYQFTDKDKDNVAPRSK:SPQGY-NH₂ (Disulfide bridge: Cys10-Cys12)



Background

Adrenomedullin (AM) (1-52), human (TFA) affects cell proliferation and angiogenesis in cancer.

To explore the effect of Adrenomedullin (AM) (1-52), human on astrogloma cells, CRT-MG cells are incubated in the absence or presence of Adrenomedullin (AM) (1-52), human (ADM1-52) for 48 h in a medium containing 1% FBS, and wound-healing assay is performed. The number of cells migrating to the wound region significantly increases in the ADM1-52-treated cells, in a dose-dependent manner, compared to the untreated cells[1].

[1]. Lim SY, et al. Transcriptional regulation of adrenomedullin by oncostatin M in human astrogloma

Caution: Product has not been fully validated for medical applications. For research use only.

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cells: implications for tumor invasion and migration. Sci Rep. 2014 Sep 23;4:6444.

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