
Product Data Sheet

Product Name: Proadrenomedullin (1-20), human

Cat. No.: GC36970

Chemical Properties

Cas. No. 150238-87-2

Formula $C_{112}H_{178}N_{36}O_{27}$

M.Wt

2460.84

Solubility Soluble in DMSO

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

Background

Proadrenomedullin (1-20), human is a potent hypotensive and catecholamine release-inhibitory peptide released from chromaffin cells with an IC50 of ~350 nM for catecholamine secretion in PC12 pheochromocytoma cells, acting in a noncompetitive manner specifically at the nicotinic cholinergic receptor[1].

[1]. Mahata M, et al. Proadrenomedullin N-terminal 20 peptide: minimal active region to regulate nicotinic receptors. Hypertension. 1998 Nov;32(5):907-16.

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

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