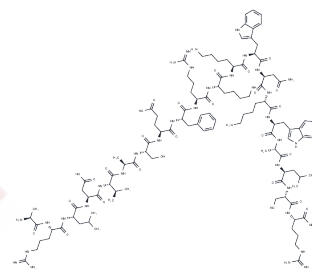


Proadrenomedullin (1-20), human

Chemical Properties

CAS No. :	150238-87-2
Formula:	C112H178N36O27
Molecular Weight:	2460.84
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	Endogenous peptide agonist of Mas related GPR X2 (MRGPRX2, EC50 = 251 nM). Also a noncompetitive nicotinic cholinergic antagonist. Inhibits nicotine-stimulated catecholamine secretion from PC12 cells in vitro, and from sympathetic nerve endings and adrenal chromaffin cells in vivo. Corresponds to amino acids 1 - 20 of proadrenomedullin. Antihypertensive.
Targets(IC50)	AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4064 mL	2.0318 mL	4.0637 mL
5 mM	0.0813 mL	0.4064 mL	0.8127 mL
10 mM	0.0406 mL	0.2032 mL	0.4064 mL
50 mM	0.0081 mL	0.0406 mL	0.0813 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

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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