

## Proadrenomedullin (N-20) (bovine, porcine)

## Chemical Properties

CAS No. :

Formula: C112H178N36O26

Molecular Weight: 2444.84

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	Proadrenomedullin (N-20) (ProADM N20) (bovine, porcine) is a peptide known for its strong hypotensive effects and inhibition of catecholamine release from chromaffin cells. It effectively suppresses catecholamine secretion in PC12 pheochromocytoma cells with an IC50 of 350 nM and prevents the desensitization of nicotinic cholinergic agonist-induced catecholamine release and nicotinic signal transduction, with an EC50 of approximately 270 nM for desensitization blockade, as evidenced by inhibited 22 Na+ uptake [1].
Targets(IC50)	AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.409 mL	2.0451 mL	4.0902 mL
5 mM	0.0818 mL	0.409 mL	0.818 mL
10 mM	0.0409 mL	0.2045 mL	0.409 mL
50 mM	0.0082 mL	0.0409 mL	0.0818 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481