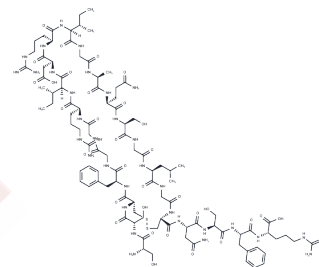


Atriopeptin II (rat, mouse)

Chemical Properties

CAS No. :	89139-54-8
Formula:	C ₉₈ H ₁₅₆ N ₃₄ O ₃₂ S ₂
Molecular Weight:	2386.63
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	Atriopeptin II rat, mouse, is an atrial natriuretic peptide that functions as both a diuretic and a natriuretic agent, while also serving as a potent relaxant of vascular smooth muscle [1].
In vitro	Atriopeptin II rat, mouse (10 nM, 100 min) exhibits vasodilatory effects in isolated rat thoracic aorta, increases cyclic GMP levels, and activates cyclic GMP kinase [1]. Atriopeptin II rat, mouse (0-100 nM) can stimulate testosterone production, with a half-maximal stimulatory concentration of 2.6 nM [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.419 mL	2.095 mL	4.190 mL
5 mM	0.0838 mL	0.419 mL	0.838 mL
10 mM	0.0419 mL	0.2095 mL	0.419 mL
50 mM	0.0084 mL	0.0419 mL	0.0838 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.

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