

Brain Natriuretic Peptide-45, rat

Chemical Properties

CAS No. :	123337-89-3
Formula:	C ₂₁ H ₃₄ N ₇ O ₆ S ₃
Molecular Weight:	5040.67
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>

SDSPTFRCEKLRNENKMAHSSSCFQNDIRGAVSRLLGCDGLRLEFDuRde bmlqg Cyt2-CytRl

Biological Description

Description	BNP-45 (rat) is a circulating form of rat brain natriuretic peptide isolated from rat heart with potent hypotensive and natriuretic potency.
Targets(IC50)	Natriuretic peptide

Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1984 mL	0.9919 mL	1.9839 mL
5 mM	0.0397 mL	0.1984 mL	0.3968 mL
10 mM	0.0198 mL	0.0992 mL	0.1984 mL
50 mM	0.004 mL	0.0198 mL	0.0397 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

Kita T, et al. Effects of brain natriuretic peptide-45, a circulating form of rat brain natriuretic peptide, in spontaneously hypertensive rats. Eur J Pharmacol. 1991 Sep 4;202(1):73-9.

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