

Angiotensin III

Chemical Properties

CAS No.:	12687-51-3
Formula:	NA
Molecular Weight:	931.11
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Angiotensin III is an agonist of angiotensin 1 (AT1) and AT2 receptor.
Targets(IC ₅₀)	Human Endogenous Metabolite: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.074 mL	5.37 mL	10.74 mL
5 mM	0.215 mL	1.074 mL	2.148 mL
10 mM	0.107 mL	0.537 mL	1.074 mL
50 mM	0.021 mL	0.107 mL	0.215 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Bosnyak S, et al. Relative affinity of angiotensin peptides and novel ligands at AT1 and AT2 receptors. Clin Sci (Lond). 2011 Oct;121(7):297-303.
2. Park BM, et al. Angiotensin III stimulates high stretch-induced ANP secretion via angiotensin type 2 receptor. Peptides. 2013 Apr;42:131-7.

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