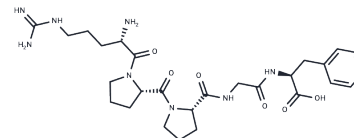


Bradykinin (1-5)

Chemical Properties

CAS No. : 23815-89-6
Formula: C₂₇H₄₀N₈O₆
Molecular Weight: 572.66
Appearance: no data available
Storage: keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Bradykinin (1-5) is a major stable metabolite of Bradykinin, formed by the proteolytic action of angiotensin-converting enzyme (ACE).The bradykinin (BK) fragment (1-5) (RPPGF) is among the most stable of naturally occurring metabolites. Bradykinin (1-5) may be used as a marker for BK production in vivo.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7462 mL	8.7312 mL	17.4624 mL
5 mM	0.3492 mL	1.7462 mL	3.4925 mL
10 mM	0.1746 mL	0.8731 mL	1.7462 mL
50 mM	0.0349 mL	0.1746 mL	0.3492 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.

Reference

Murphey LJ, et al. Bradykinin and its metabolite Bradykinin 1-5 inhibit thrombin-induced platelet aggregation in humans. J Pharmacol Exp Ther. 2006 Sep;318(3):1287-92.

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