

[Phe8Ψ(CH-NH)-Arg9]-Bradykinin

Chemical Properties

CAS No. :	118122-39-7
Formula:	C50H75N15O10
Molecular Weight:	1046.23
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	Selective bradykinin B2 receptor agonist that is resistant to carboxypeptidase cleavage. 5-fold more potent and exhibits a more prolonged duration of action than bradykinin in vivo.
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Solubility Information

Solubility	H2O: 1 mg/mL, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9558 mL	4.7791 mL	9.5581 mL
5 mM	0.1912 mL	0.9558 mL	1.9116 mL
10 mM	0.0956 mL	0.4779 mL	0.9558 mL
50 mM	0.0191 mL	0.0956 mL	0.1912 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

Drapeau et al (1988) [Phe8Ψ(CH₂-NH)Arg9]bradykinin, a B2 receptor selective agonist which is not broken down by either kininase I or kininase II. Eur.J.Pharmacol. 155 193 PMID:

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