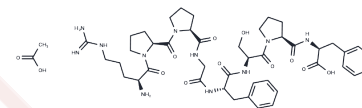


[Des-Arg9]-Bradykinin acetate

Chemical Properties

CAS No. :	23827-91-0
Formula:	C46H65N11O12
Molecular Weight:	964.07
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	[Des-Arg9]-Bradykinin acetate is a selective agonist of the Bradykinin B1 receptor.
Targets(IC50)	Bradykinin Receptor
In vitro	[Des-Arg9]-Bradykinin acetate displays selectivity for B1 over B2 receptors[1].

Solubility Information

Solubility	H2O: 100 mg/mL (103.73 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0373 mL	5.1863 mL	10.3727 mL
5 mM	0.2075 mL	1.0373 mL	2.0745 mL
10 mM	0.1037 mL	0.5186 mL	1.0373 mL
50 mM	0.0207 mL	0.1037 mL	0.2075 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

Leeb-Lundberg LM, et al. International union of pharmacology. XLV. Classification of the kinin receptor family: from molecular mechanisms to pathophysiological consequences. Pharmacol Rev. 2005 Mar;57(1):27-77.

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