

R 892

Chemical Properties

CAS No. : 229030-05-1

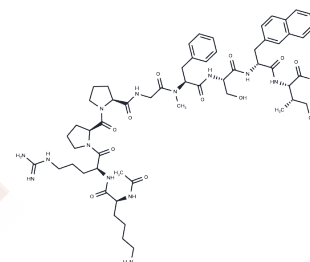
Formula: C58H83N13O12

Molecular Weight: 1154.37

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Potent and selective bradykinin B1 receptor antagonist (ID50 values are 2.8 and > 600 nM at B1 and B2 receptors respectively). Exhibits no intrinsic agonist activity and is resistant to aminopeptidase and kininase II (ACE) cleavage. Displays hypertensive activity in vivo.
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Solubility Information

Solubility	H2O: 2 mg/mL (1.73 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	0.8663 mL	4.3314 mL	8.6627 mL
5 mM	0.1733 mL	0.8663 mL	1.7325 mL
10 mM	0.0866 mL	0.4331 mL	0.8663 mL
50 mM	0.0173 mL	0.0866 mL	0.1733 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

Gobeil et al (1996) Structure-activity studies of B1 receptor related peptide. Hypertension 28 833 PMID:

Duka et al (2003) Mechanisms mediating the vasoactive effects of the B1 receptors of bradykinin. Hypertension 42 1021 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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