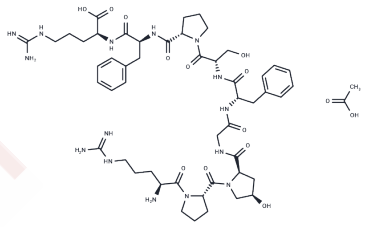
Data Sheet (Cat.No.T36442L)

TargetMol

(Hyp³)-Bradykinin acetate

Chemical Properties



CAS No. :

Formula: C52H77N15O14

Molecular Weight: 1136.26

Storage: Store at low temperature,Keep away from direct sunlight,Keep away from moisture
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	(Hyp³)-Bradykinin acetate is an agonist of bradykinin B2 receptor and stimulates inositol phosphate production in cultured human fibroblasts.
Targets(IC50)	Bradykinin Receptor
In vitro	(Hyp³)-Bradykinin acetate binds to bovine uterine myometrium and shows the same potency on the isolated rat uterus as native Bradykinin[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8801 mL	4.4004 mL	8.8008 mL
5 mM	0.176 mL	0.8801 mL	1.7602 mL
10 mM	0.088 mL	0.440 mL	0.8801 mL
50 mM	0.0176 mL	0.088 mL	0.176 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

R Dengler, et al. [Hyp3]-bradykinin and [Hyp3]-Lys-bradykinin interact with B2-bradykinin receptors and stimulate inositol phosphate production in cultured human fibroblasts. FEBS Lett. 1990 Mar 12;262(1):111-4.

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