

## Lys-[Des-Arg9]Bradykinin,TFA

### Chemical Properties

CAS No. :

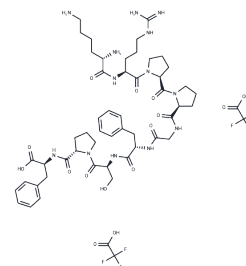
Formula: C54H75F6N13O15

Molecular Weight: 1260.24

Keep away from moisture

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

Actual storage temperature shall be subject to the COA.



### Biological Description

Description	Lys-[Des-Arg9]Bradykinin,TFA is Endogenous potent and highly selective bradykinin B1 receptor agonist (Ki values are 0.12 and > 30000 nM at human B1 and B2 receptors respectively). Hypotensive agent that reduces peripheral vascular resistance in vivo. 16-fold more potent than [Des-Arg9]-Bradykinin.
Targets(IC50)	Bradykinin Receptor

### Solubility Information

Solubility	DMSO: 10 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	0.7935 mL	3.9675 mL	7.935 mL
5 mM	0.1587 mL	0.7935 mL	1.587 mL
10 mM	0.0793 mL	0.3967 mL	0.7935 mL
50 mM	0.0159 mL	0.0793 mL	0.1587 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

Drapeau et al (1991) Hypotensive effects of Lys-des-Arg9-Bradykinin and metabolically protected agonists of B1 receptors for kinins. J.Pharmacol.Exp.Ther. 259 997 PMID:

Regoli et al (2001) Classification of kinin receptors. Biol.Chem. 382 31 PMID:

Leeb-Lundberg et al (2005) International union of pharmacology. LV. Classification of the kinin receptor family: from molecular mechanisms to pathophysiological consequences. Pharmacol.Rev. 57 27 PMID:

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481