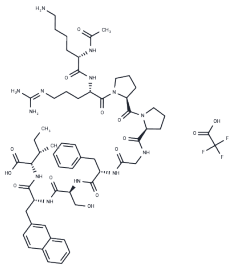
Data Sheet (Cat.No.TP1933)

TargetMol

R715 TFA(185052-09-9 free base)

Chemical Properties



CAS No. :

Formula: C59H82F3N13O14

Molecular Weight: 1254.36

Storage: 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	R715 TFA(185052-09-9 free base) is a potent and selective bradykinin B1 receptor antagonist (pA2 = 8.49). Displays no activity at B2 receptors. Reduces mechanical hypernociception in a mouse model of neuropathic pain. Metabolically stable.
Targets(IC50)	Bradykinin Receptor

Solubility Information

Solubility	H2O: 5 mg/mL (3.99 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7972 mL	3.9861 mL	7.9722 mL
5 mM	0.1594 mL	0.7972 mL	1.5944 mL
10 mM	0.0797 mL	0.3986 mL	0.7972 mL
50 mM	0.0159 mL	0.0797 mL	0.1594 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 peptides. Hypertension. 28 833 PMID:
Quintao et al (2008) Neuropathic pain-like behavior after brachial plexus avulsion in mice: the relevance of kinin B1 and B2 receptors. J.Neurosci. 28 2856 PMID:
Abdouh et al (2008) Retinal plasma extravasation in streptozotocin-diabetic rats mediated by kinin B1 and B2 receptors. Br.J.Pharmacol. 154 136 PMID:

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