

Breceptin

Chemical Properties

CAS No. :	215713-39-6
Formula:	C136H200N38O28
Molecular Weight:	2815.33
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	Breceptin (B 9870) serves as an antagonist and partial agonist for bradykinin B1/B2 receptors (B1/B2R). In rabbit jugular vein contraction assays, it functions as an irreversible B2R antagonist, inhibiting bradykinin-induced vasoconstriction. B-9870 exhibits partial agonist characteristics in HEK 293 cells with high rabbit B2R expression, activating ERK1/2 phosphorylation, calcium mobilization, arachidonic acid release, and receptor internalization. Breceptin is applicable in research on breast cancer and non-small cell lung cancer inhibition.
Targets(IC50)	ERK,Bradykinin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3552 mL	1.776 mL	3.552 mL
5 mM	0.071 mL	0.3552 mL	0.7104 mL
10 mM	0.0355 mL	0.1776 mL	0.3552 mL
50 mM	0.0071 mL	0.0355 mL	0.071 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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