

RES-701-1

Chemical Properties

CAS No. : 151308-34-8

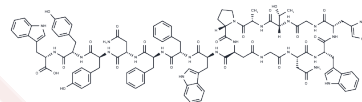
Formula: C103H115N23O23

Molecular Weight: 2043.16

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	RES-701-1 is a cyclic peptide consisting of 16 common L-amino acids. It acts as a specific antagonist of the ETB receptor. RES-701-1 inhibits the binding of 125I-ET-1 (125I-labeled endothelin (ET)-1) to the ETB receptor, with an IC50 value of 10 nM.
Targets(IC50)	Endothelin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4894 mL	2.4472 mL	4.8944 mL
5 mM	0.0979 mL	0.4894 mL	0.9789 mL
10 mM	0.0489 mL	0.2447 mL	0.4894 mL
50 mM	0.0098 mL	0.0489 mL	0.0979 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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