

Box5

Chemical Properties

CAS No. : 1206604-29-6

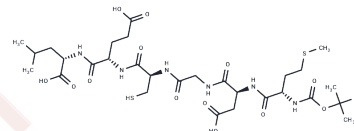
Formula: C₃₀H₅₀N₆O₁₃S₂

Molecular Weight: 766.88

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	Box5, a potent Wnt5a antagonist, effectively inhibits Wnt5a signaling and associated Ca ²⁺ release, as well as cell migration, showing promise for melanoma research [1].
Targets(IC ₅₀)	Others,Wnt/beta-catenin
In vitro	Box5 (100 μM) reduces the expression of p-MARCKS stimulated by rWnt5a (0.1 μg/mL) in A2058 cells [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.304 mL	6.5199 mL	13.0398 mL
5 mM	0.2608 mL	1.304 mL	2.608 mL
10 mM	0.1304 mL	0.652 mL	1.304 mL
50 mM	0.0261 mL	0.1304 mL	0.2608 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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