

NBM-T-BMX-OS01

Chemical Properties

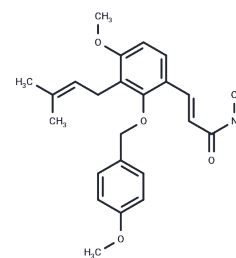
CAS No. : 1246952-34-0

Formula: C₂₃H₂₇N₀O₅

Molecular Weight: 397.46

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	NBM-T-BMX-OS01 is a derivative of Osthole. It can inhibit the phosphorylation of VEGFR2, FAK, Akt, and ERK, demonstrating anti-angiogenic activity. Additionally, NBM-T-BMX-OS01 exhibits anticancer properties against colorectal cancer.
Targets(IC50)	ERK,FAK,Akt,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.516 mL	12.5799 mL	25.1598 mL
5 mM	0.5032 mL	2.516 mL	5.032 mL
10 mM	0.2516 mL	1.258 mL	2.516 mL
50 mM	0.0503 mL	0.2516 mL	0.5032 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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