

NUCC-555

Chemical Properties

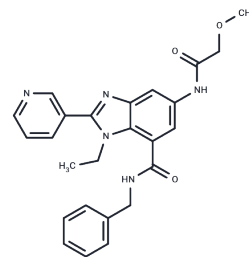
CAS No. : 1060469-90-0

Formula: C₂₅H₂₅N₅O₃

Molecular Weight: 443.5

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	NUCC-555 is a first-in-class antagonist of activin. It opens a completely new approach to inhibiting the activity of TGF-beta receptor superfamily members.
Targets(IC50)	Others, TGF-beta/Smad

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2548 mL	11.274 mL	22.5479 mL
5 mM	0.451 mL	2.2548 mL	4.5096 mL
10 mM	0.2255 mL	1.1274 mL	2.2548 mL
50 mM	0.0451 mL	0.2255 mL	0.451 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

Zhu J, Mishra RK, Schiltz GE, Makanji Y, Scheidt KA, Mazar AP, Woodruff TK. Virtual High-Throughput Screening To Identify Novel Activin Antagonists. J Med Chem. 2015 Jul 23;58(14):5637-48. doi: 10.1021/acs.jmedchem.5b00753. Epub 2015 Jul 7. PubMed PMID: 26098096; PubMed Central PMCID: PMC4635973.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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