

BNT411

Chemical Properties

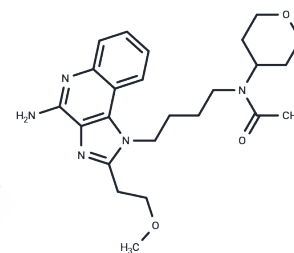
CAS No. : 2296821-50-4

Formula: C₂₄H₃₃N₅O₃

Molecular Weight: 439.55

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	BNT411, a selective TLR7 agonist, induces IFN α release both in vivo and in vitro. With anticancer activity, BNT411 is applicable in cancer research, including non-small cell lung cancer, pancreatic cancer, and untreated extensive-stage small cell lung cancer (ES-SCLC) [1].
Targets(IC50)	TLR
In vivo	BNT411 (3 mg/kg; administered via intravenous injection every 4 to 5 days, for a total of 8 doses) demonstrates antitumor activity in a mouse tumor model [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2751 mL	11.3753 mL	22.7505 mL
5 mM	0.455 mL	2.2751 mL	4.5501 mL
10 mM	0.2275 mL	1.1375 mL	2.2751 mL
50 mM	0.0455 mL	0.2275 mL	0.455 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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