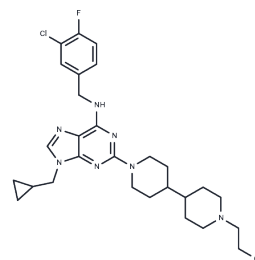


anti-TNBC agent-2

Chemical Properties

CAS No. :	2422001-22-5
Formula:	C ₂₈ H ₃₇ ClFN ₇ O
Molecular Weight:	542.09
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	Anti-TNBC agent-2 (3j), a purine derivative, acts as an anti-triple negative breast cancer (TNBC) therapeutic. It promotes apoptosis in MDA-MB-231 cells, while also inhibiting their migration and angiogenesis. Moreover, anti-TNBC agent-2 suppresses tumor growth and metastasis, and downregulates Ki67 and CD31 protein expression in TNBC xenograft models. It may be utilized for TNBC research [1].
Targets(IC50)	Apoptosis,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8447 mL	9.2236 mL	18.4471 mL
5 mM	0.3689 mL	1.8447 mL	3.6894 mL
10 mM	0.1845 mL	0.9224 mL	1.8447 mL
50 mM	0.0369 mL	0.1845 mL	0.3689 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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