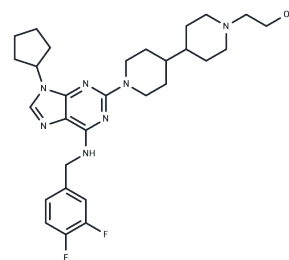


## anti-TNBC agent-3

## Chemical Properties

CAS No. :	2422001-25-8
Formula:	C29H39F2N7O
Molecular Weight:	539.66
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-3 (compound 3g) is a compound that induces apoptosis and possesses anti-cancer cell proliferation properties. It effectively inhibits tumor growth and metastasis in xenograft models of triple-negative breast cancer (TNBC) [1].
Targets(IC50)	Apoptosis,Bcl-2 Family,Others
In vitro	Anti-TNBC agent-3 (compound 3g) exhibits inhibitory activity against the proliferation of K562 and HepG2 cells, with IC50 values of 0.24 $\mu$ M and 0.25 $\mu$ M, respectively [1].
In vivo	Anti-TNBC Agent-3 (compound 3g) administered intraperitoneally (ip) at dosages of 10 mg/kg and 20 mg/kg inhibited tumor growth and metastasis in a mouse xenograft model of triple-negative breast cancer (TNBC) [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.853 mL	9.2651 mL	18.5302 mL
5 mM	0.3706 mL	1.853 mL	3.706 mL
10 mM	0.1853 mL	0.9265 mL	1.853 mL
50 mM	0.0371 mL	0.1853 mL	0.3706 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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