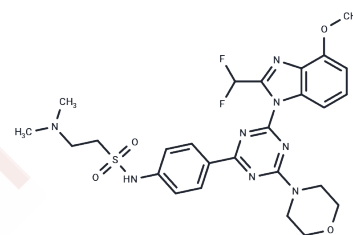


PWT-33597 free base

## Chemical Properties

CAS No. : 1246203-32-6  
 Formula: C<sub>26</sub>H<sub>30</sub>F<sub>2</sub>N<sub>8</sub>O<sub>4</sub>  
 Molecular Weight: 588.63  
 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	PWT-33597 (VDC-597) free base is a dual inhibitor of PI3K $\alpha$ and mTOR that effectively obstructs downstream signaling pathways of PI3K and mTOR. This compound induces apoptosis in tumor cells and inhibits tumor growth. PWT-33597 free base demonstrates antitumor activity and can be used in research related to renal cell carcinoma and other tumors.
Targets(IC50)	Apoptosis,mTOR,PI3K

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6989 mL	8.4943 mL	16.9886 mL
5 mM	0.3398 mL	1.6989 mL	3.3977 mL
10 mM	0.1699 mL	0.8494 mL	1.6989 mL
50 mM	0.034 mL	0.1699 mL	0.3398 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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