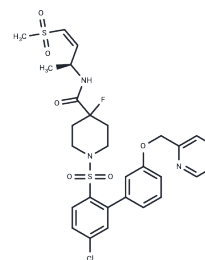


VVD-849

Chemical Properties

CAS No. : 3055321-14-4
 Formula: C₂₉H₃₁ClFN₃O₆S₂
 Molecular Weight: 636.15
 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	VVD-849 is a RAS ligand that covalently binds to cysteine at position 242 within the RAS binding domain of PI3Kp110α, enhancing RAS/PI3K interaction. It partially inhibits pAKT (S473) in tumors overexpressing HER2. VVD-849 is applicable in cancer research, including studies on breast cancer.
Targets(IC50)	PI3K,Ras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.572 mL	7.8598 mL	15.7196 mL
5 mM	0.3144 mL	1.572 mL	3.1439 mL
10 mM	0.1572 mL	0.786 mL	1.572 mL
50 mM	0.0314 mL	0.1572 mL	0.3144 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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