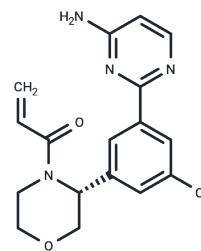


VVD-130037

Chemical Properties

CAS No. :	3034880-93-5
Formula:	C ₁₇ H ₁₇ ClN ₄ O ₂
Molecular Weight:	344.8
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	VVD-130037 is a small molecule activator specifically targeting Kelch-like ECH-associated protein 1 (KEAP1) with potential antitumor activity. VVD-130037 inhibits tumor growth in advanced solid tumors by degrading NRF2.
Targets(IC50)	Nrf2

Solubility Information

Solubility	DMSO: 252.5 mg/mL (732.31 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9002 mL	14.5012 mL	29.0023 mL
5 mM	0.580 mL	2.9002 mL	5.8005 mL
10 mM	0.290 mL	1.4501 mL	2.9002 mL
50 mM	0.058 mL	0.290 mL	0.580 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.

Reference

Gu X, et al. The Cancer Antioxidant Regulation System in Therapeutic Resistance. *Antioxidants (Basel)*. 2024 Jun 27; 13(7):778.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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