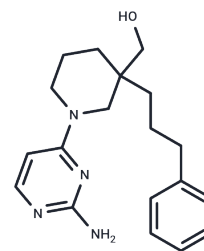


PLH1215

Chemical Properties

CAS No. : 1332084-64-6
 Formula: C₁₉H₂₆N₄O
 Molecular Weight: 326.44
 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	PLH1215 is an effective AHR inhibitor that can be used to modulate, limit, or suppress the expression of AVIL (advillin). PLH1215 can be employed for the prevention and treatment of cancer.
Targets(IC50)	Others,Arp2/3 Complex
In vitro	METHODS: U87 cells and astrocytes were treated with PLH1215 (0-80 μM) for 3 days and cell viability was determined by MTT assay. RESULTS: The majority of U87 cells were eliminated with the compound PLH1252 at less than 1 mM, while no significant effect was seen in astrocytes. [1]

Solubility Information

Solubility	DMSO: 50 mg/mL (153.17 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0634 mL	15.3168 mL	30.6335 mL
5 mM	0.6127 mL	3.0634 mL	6.1267 mL
10 mM	0.3063 mL	1.5317 mL	3.0634 mL
50 mM	0.0613 mL	0.3063 mL	0.6127 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

Ilona GUTCHER, et al. 2-heteroaryl-3-oxo-2,3-dihydropyridazine-4-carboxamides for the treatment of cancer: WO2018146010A1.

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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