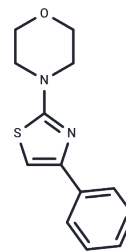


VPC-14228

Chemical Properties

CAS No. : 19983-28-9
 Formula: C₁₃H₁₄N₂O₂
 Molecular Weight: 246.33
 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	VPC-14228 is a specific AR-DBD inhibitor that acts by inhibiting both Y594A and Q592A mutants.
Targets(IC50)	Androgen Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (223.28 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (8.12 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0596 mL	20.298 mL	40.5959 mL
5 mM	0.8119 mL	4.0596 mL	8.1192 mL
10 mM	0.406 mL	2.0298 mL	4.0596 mL
50 mM	0.0812 mL	0.406 mL	0.8119 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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