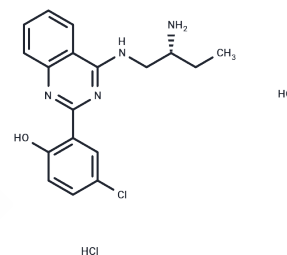


PKD-IN-1 dihydrochloride (956121-30-5 free base)

## Chemical Properties

CAS No. : 2308510-39-4  
 Formula: C<sub>18</sub>H<sub>21</sub>Cl<sub>3</sub>N<sub>4</sub>O  
 Molecular Weight: 415.75  
 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	PKD-IN-1 dihydrochloride is an inhibitor of PKD.
Targets(IC50)	PDK,Serine/threonin kinase

## Solubility Information

Solubility	DMSO: 22.5 mg/mL (54.12 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	2.4053 mL	12.0265 mL	24.0529 mL
5 mM	0.4811 mL	2.4053 mL	4.8106 mL
10 mM	0.2405 mL	1.2026 mL	2.4053 mL
50 mM	0.0481 mL	0.2405 mL	0.4811 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

Borges S , EA Perez, EA Thompson, et al. Effective Targeting of Estrogen Receptor-Negative Breast Cancers with the Protein Kinase D Inhibitor CRT0066101.[J]. Molecular Cancer Therapeutics, 2015, 14(6).

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