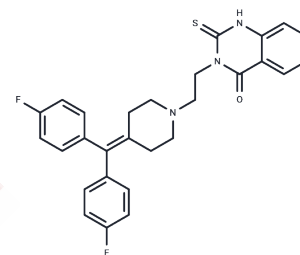


R59949

## Chemical Properties

CAS No. : 120166-69-0  
 Formula: C<sub>28</sub>H<sub>25</sub>F<sub>2</sub>N<sub>3</sub>O<sub>5</sub>  
 Molecular Weight: 489.58  
 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	R59949 is used as a Diacylglycerol kinase (DGK) inhibitor.
Targets(IC50)	PKC

## Solubility Information

Solubility	DMSO: 250 mg/mL (510.64 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 2.5 mg/mL (5.11 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	2.0426 mL	10.2128 mL	20.4257 mL
5 mM	0.4085 mL	2.0426 mL	4.0851 mL
10 mM	0.2043 mL	1.0213 mL	2.0426 mL
50 mM	0.0409 mL	0.2043 mL	0.4085 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

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