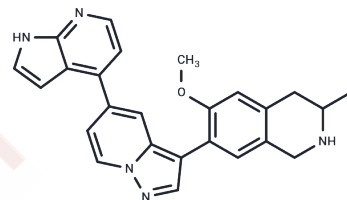


PKCiota-IN-1

Chemical Properties

CAS No. :	2230052-97-6
Formula:	C ₂₅ H ₂₂ FN ₅ O
Molecular Weight:	427.47
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	PKCiota-IN-1 is a potent inhibitor of PKCiota (PKC-ι), exhibiting an IC ₅₀ of 2.7 nM. Additionally, it displays inhibitory activity against PKC-α and PKC-ε, with IC ₅₀ values of 45 nM and 450 nM, respectively.
Targets(IC ₅₀)	Others,PKC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3393 mL	11.6967 mL	23.3935 mL
5 mM	0.4679 mL	2.3393 mL	4.6787 mL
10 mM	0.2339 mL	1.1697 mL	2.3393 mL
50 mM	0.0468 mL	0.2339 mL	0.4679 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

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