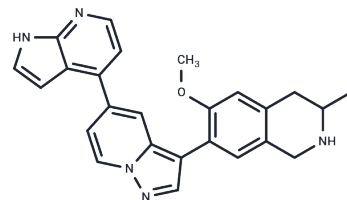


PKCiota-IN-1

Chemical Properties

CAS No. : 2230052-97-6
Formula: C₂₅H₂₂FN₅O
Molecular Weight: 427.47
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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.
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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.

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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