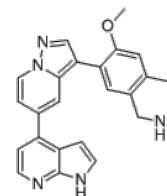


Product Name : PKCiota-IN-49
Cat. No. : PC-63489
CAS No. : 2230055-52-2
Molecular Formula : C₂₄H₂₁N₅O
Molecular Weight : 395.466
Target : PKC
Solubility : 10 mM in DMSO



Biological Activity

PKCiota-IN-49 is a potent and selective inhibitor of Protein Kinase C iota (**PKC-ι**) with IC₅₀ of 2.8 nM, >20-fold selectivity over PKC-α (IC₅₀=71 nM) and PKC-β (IC₅₀=350 nM); inhibits PKC-ι on the phosphorylation of substrate ECT2 in HCCLM3 cells with IC₅₀ of 3.0 μM.

References

Kwiatkowski J, et al. J Med Chem. 2018 May 4. doi: 10.1021/acs.jmedchem.8b00060.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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