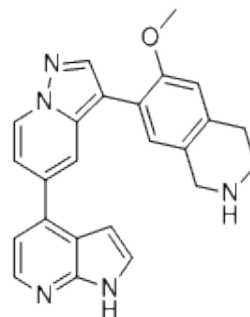


Data Sheet

WWW.UREIKO-CHEM.COM

Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name : PKC ι -IN-49
Cat.No. : URK-V2349
CAS No. : 2230055-52-2
Molecular Formula : C₂₄H₂₁N₅O
Molecular Weight : 395.466
Target : PKC
Solubility :



Biological Activity

PKC ι -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).

PKC ι -IN-49 inhibits PKC- ι on the phosphorylation of substrate ECT2 in HCCLM3 cells with IC₅₀ of 3.0 μ M.

References

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

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

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

JACK@UREIKO-CHEM.COM