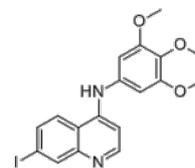


Product Name : PKN3 inhibitor 16
Cat. No. : PC-38564
CAS No. : 2361545-75-5
Molecular Formula : C₁₈H₁₇IN₂O₃
Molecular Weight : 436.249
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

PKN3 inhibitor 16 is a potent, cell active protein kinase novel 3 (**PKN3**) inhibitor with biochemical IC₅₀ of 14 nM, cellular IC₅₀ of 1.3 μM.

PKN3 presents a useful potential tool compound to study the biology of PKN3 including links to pancreatic and prostate cancer, along with T-cell acute lymphoblastic leukemia.

Protein kinase N (PKN, protein kinase novel) family genes encode for the three isoforms PKN1 (PKN α /PRK1/PAK1), PKN2 (PKN γ /PRK2/PAK2/) and PKN3 (PKN β) that form the subfamily of AGC serine/threonine protein kinases.

References

Asquith CRM, et al. *ChemMedChem*. 2022 Apr 11.

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

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