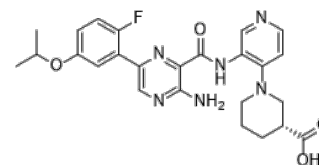


Product Name : GNF4877
Cat. No. : PC-22435
CAS No. : 2041073-22-5
Molecular Formula : C₂₅H₂₇N₆O₄
Molecular Weight : 494.53
Target : DYRK
Solubility : 10 mM in DMSO



Biological Activity

GNF4877 is a potent dual inhibitor of **DYRK1A** and glycogen synthase kinase 3 β (**GSK3 β**) with IC₅₀ of 6 nM and 16 nM, respectively, has a synergistic effect enhancing β -cell proliferation.

GNF4877 induces primary human β -cell proliferation in vitro and in vivo. induced β -cell proliferation. GNF4877 increases β -cell mass and insulin content and improves glycemic control in diabetic mice.

References

Liu YA, et al. *ChemMedChem*. 2020 Aug 19;15(16):1562-1570.

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

E-mail: tech@probechem.com