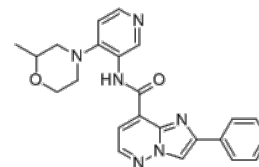


Product Name : GSK-3 β inhibitor 47
Cat. No. : PC-20114
CAS No. : 2227316-74-5
Molecular Formula : C₂₃H₂₂N₆O₂
Molecular Weight : 414.47
Target : GSK-3
Solubility : 10 mM in DMSO



Biological Activity

GSK-3 β inhibitor 47 is a potent, selective, brain-penetrant, orally bioavailable **GSK-3 β** inhibitor with IC₅₀ of 0.73 nM, inhibits phosphorylated tau with cell IC₅₀ of 58 nM.

GSK-3 β inhibitor 47 significantly lowered levels of phosphorylated tau in triple-transgenic mouse Alzheimer's disease models.

References

Richard A. et al. *J Med Chem.* 2023 Mar 23;66(6):4231-4252.

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

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