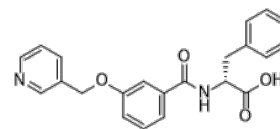


Product Name : T-10418
Cat. No. : PC-22564
CAS No. : 1608784-68-4
Molecular Formula : C₂₂H₂₀N₂O₄
Molecular Weight : 376.41
Target : Other Targets
Solubility : 10 mM in DMSO



CAS: 1608784-68-4

Biological Activity

T-10418 is a potent, selective agonist of G protein-coupled receptor **G2A (GPR132)** with EC₅₀ of 0.82 μM. T-10418 exhibits higher potency than the reference and natural ligand 9-HODE and high selectivity among G protein-coupled receptors. T-10418 has favorable activity, a clean selectivity profile, excellent solubility, and high metabolic stability, is a pharmacological tool to investigate the effects of G2A activation.

References

Hernandez-Olmos V, et al. *J Med Chem.* 2024 Jun 25. doi: 10.1021/acs.jmedchem.3c02164.

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

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