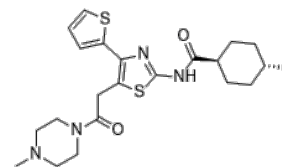


Product Name : GPR81 agonist 1
Cat. No. : PC-25930
CAS No. : 1620992-67-7
Molecular Formula : C₂₂H₃₀N₄O₂S₂
Molecular Weight : 446.63
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

GPR81 agonist 1 is a potent and highly selective GPR81 agonist with EC₅₀ of 58 nM and 50 nM for human and mouse GPR81 respectively, also is an agonist-positive allosteric modulator (Ago-PAM) for HCAR1.

GPR81 agonist 1 displays remarkable selectivity for GPR81 over GPR109a.

GPR81 agonist 1 inhibits lipolysis in differentiated 3T3-L1 adipocytes.

GPR81 agonist 1 suppresses lipolysis in mice without cutaneous flushing.

References

Sakurai T, et al. Eur J Pharmacol. 2014;727:1-7.

Lind S, et al. Br J Pharmacol. 2025 Dec 23. doi: 10.1111/bph.70312.

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

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