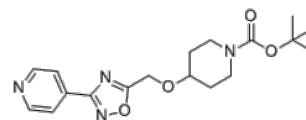


Product Name : PSN632408
Cat. No. : PC-20444
CAS No. : 857652-30-3
Molecular Formula : C₁₈H₂₄N₄O₄
Molecular Weight : 360.41
Target : GPR119
Solubility : 10 mM in DMSO



Biological Activity

PSN632408 (PSN 632408) is a selective small-molecule **GPR119 agonist** with cAMP EC₅₀ of 7.9 and 5.6 μM for mouse and human GPR119 receptor, respectively.

PSN632408 is selective for GPR119, shows no activities against cannabinoid receptors CB1 and CB2, PPARα, PPARγ, as well as a set of 107 targets comprising GPCRs, ligand-gated ion channels, other receptors.

PSN632408 (30-100 mg/kg, i.p.) acutely reduce food intake in freely feeding male Sprague-Dawley rats, did not significantly alter locomotor activity.

PSN632408 (100 mg, Oral) reduces body weight gain and white adipose tissue deposition upon subchronic oral administration to high-fat-fed rats.

References

Overton HA,, et al. *Cell Metab.* 2006 Mar;3(3):167-75.

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

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