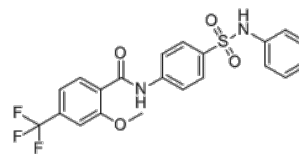


Product Name : PT-91
Cat. No. : PC-21541
CAS No. : 3037561-48-8
Molecular Formula : C₂₁H₁₇F₃N₂O₄S
Molecular Weight : 450.43
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

PT91 is a small-molecule GPR27 (**SREB1**) agonist with pEC₅₀ of 6.15 (human GPR27) in β-arrestin 2 recruitment-based firefly luciferase complementation assay, E_{max}=100%.

PT91 displays no activity against the adrenoceptor β₂ (β₂AR).

PT91 does not significantly influence the levels of cAMP through GPR27.

PT91 displays high metabolic stability and brain exposure in mice.

References

Thanigaimalai Pillaiyar, et al. *J Med Chem.* 2023 Dec 7.

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

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