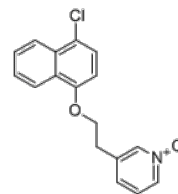


Product Name : DL-175
Cat. No. : PC-72367
CAS No. : 2487253-25-6
Molecular Formula : C₁₇H₁₄ClNO₂
Molecular Weight : 299.754
Target : GPR84
Solubility : 10 mM in DMSO



Biological Activity

DL-175 is a potent and selective biased **GPR84** agonist with EC₅₀ of 33 nM.

DL-175 exhibits no significant activity in a panel of 168 other GPCRs.

DL-175 display significantly biased signaling across GPR84-overexpressing cells, primary murine macrophages, and human U937 cells.

DL-175 markedly different abilities to induce chemotaxis in human myeloid cells, while causing similar levels of phagocytosis enhancement.

References

Lucy D, et al. **ACS Chem Biol.** 2019 Sep 20;14(9):2055-2064.

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

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