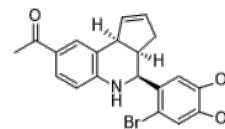


Product Name : LNS8801
Cat. No. : PC-23782
CAS No. : 925419-55-2
Molecular Formula : C₂₁H₁₈BrNO₃
Molecular Weight : 412.28
Target : GPER (GPR30)
Solubility : 10 mM in DMSO



Biological Activity

LNS8801 is a specific, orally available small molecule agonist of G protein-coupled estrogen receptor-1 (GPER), induces both GPER-dependent and GPER-independent effects and elicits potent anticancer activities in vitro and in vivo. LNS8801 induces differentiation markers and inhibits uveal melanoma cell proliferation and migration. LNS8801 induces the formation of defective mitotic spindles and an arrest of the cell cycle in G₂-M. LNS8801 has potent antitumor effects in uveal melanoma xenograft.

References

Ambrosini G, Natale CA, et al. Cancer Res Commun. 2023 Apr 5;3(4):540-547.
Lee I, et al. Cancer Res Commun. 2023 Aug 18;3(8):1594-1606.

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

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