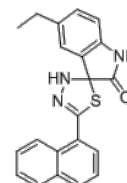


Product Name : Ogremorphin-1
Cat. No. : PC-49418
CAS No. : 352563-21-4
Molecular Formula : C₂₁H₁₇N₃OS
Molecular Weight : 359.447
Target : Proton-sensing GPCRs
Solubility : 10 mM in DMSO



1. Charles H Williams, et al. *Exp Hematol Oncol.* 2024 Jan 31;13(1):13.

Biological Activity

Ogremorphin-1 (OGM1) is a highly specific, first-in-class small-molecule inhibitor of **GPR68** with IC₅₀ of 0.16 μ M. Ogremorphin-1 (OGM1) displays high selectivity against 158 GPCRs in a single point assay using Chem-1 cells. Ogremorphin-1 (OGM1) could induce abnormal pigmentation during embryonic development, reproducibly induced ventral curvature, wavy notochord, shortened body axis, craniofacial defects, and loss of retinal iridophores. Ogremorphin-1 (OGM1) disrupts development of neural crest-derived tissues subsequent to the formation of neural crest progenitors, most likely during neural crest migration.

References

