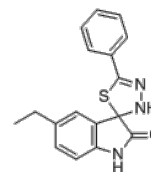


Product Name : Ogremorphin
Cat. No. : PC-49417
CAS No. : 294648-66-1
Molecular Formula : C₁₇H₁₅N₃OS
Molecular Weight : 309.387
Target : Proton-sensing GPCRs
Solubility : 10 mM in DMSO



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

Biological Activity

Ogremorphin (OGM, OGM8345) is a highly specific, first-in-class small-molecule inhibitor of **GPR68** with IC₅₀ of 0.71 μ M, also inhibits ADAMTS-5.

Ogremorphin (OGM1, OGM8345) was discovered in a chemical genetic zebrafish screen for its ability to perturb neural crest development, which shares basic cell behaviors of migration and invasion with cancer metastasis.

Ogremorphin also inhibited migration and invasive behavior of neural crest-derived human melanoma cells in vitro.

References

