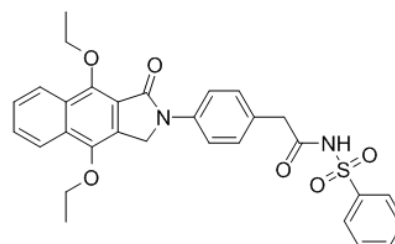


Product Name : GW-627368X
Cat. No. : PC-45103
CAS No. : 439288-66-1
Molecular Formula : C₃₀H₂₈N₂O₆S
Molecular Weight : 544.6181
Target : Prostaglandin Receptor
Solubility : 10 mM in DMSO



Biological Activity

A potent and selective competitive antagonist of prostanoid EP4 receptor with pKi of 7.0; also binds to human prostanoid TP receptors (pKi=6.8) but not the TP receptors of other species; produces 100% inhibition of U-46619 (EC100)-induced aggregation at 10 uM (pA2=7.0); also inhibits proliferation and induces apoptosis in cervical cancer by interfering with EP4/EGFR interactive signaling.

References

- Wilson RJ, et al. Br J Pharmacol. 2006 Jun;148(3):326-39.
Parida S, et al. Cell Death Dis. 2016 Mar 24;7:e2154.
Parida S, et al. Cancer Biol Ther. 2015;16(6):922-32.

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

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