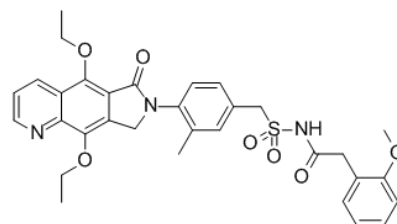


Product Name : MF498
Cat. No. : PC-42699
CAS No. : 915191-42-3
Molecular Formula : C₃₂H₃₃N₃O₇S
Molecular Weight : 603.6853
Target : Prostaglandin Receptor
Solubility : DMSO: ≥ 31 mg/mL



Biological Activity

A selective prostaglandin E receptor subtype 4 (EP4) antagonist with K_i of 0.74 nM; inhibits PGE₂-induced cAMP accumulation in HEK293 cells stably expressing human EP4 receptor with IC₅₀ of 1.7 nM; inhibits inflammation in adjuvant-induced arthritis (AIA) model.

References

Clark P. et al. J Pharmacol Exp Ther. 2008 May;325(2):425-34.

Burch JD, et al. Bioorg Med Chem Lett. 2008 Mar 15;18(6):2048-54.

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

E-mail: tech@probechem.com