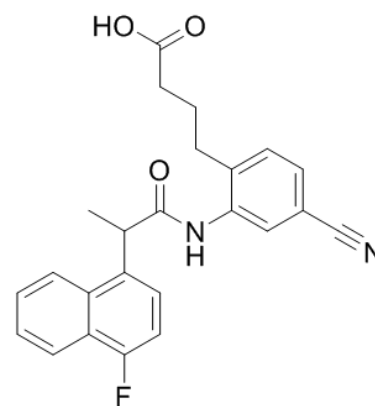


Product Name : ONO-AE3-208
Cat. No. : PC-45896
CAS No. : 402473-54-5
Molecular Formula : C₂₄H₂₁FN₂O₃
Molecular Weight : 404.4335
Target : Prostaglandin Receptor
Solubility : DMSO: ≥ 45 mg/mL



Biological Activity

ONO-AE3-208 (AE3-208) is a potent, selective **EP4 receptor** antagonist with K_i of 1.3 nM.

ONO-AE3-208 displays less potent effects on EP3, FP, and TP receptors (K_i =30, 790, and 2,400 nM, respectively) and is without effect on other prostanoid receptors.

ONO-AE3-208 ameliorates severe colitis normally induced with 7% DSS, suppresses cell invasion, migration, and metastasis of prostate cancer both in vivo and in vitro.

References

Kabashima K, et al. *J Clin Invest*. 2002 Apr;109(7):883-93.

Ma X, et al. *Cancer Res*. 2006 Mar 15;66(6):2923-7.

Esaki Y, et al. *Proc Natl Acad Sci U S A*. 2010 Jul 6;107(27):12233-8.

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

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