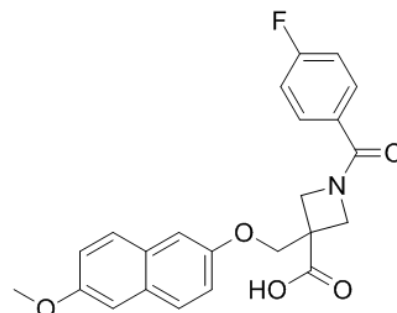


Product Name : PF-04418948
Cat. No. : PC-45579
CAS No. : 1078166-57-0
Molecular Formula : C₂₃H₂₀FNO₅
Molecular Weight : 409.407
Target : Prostaglandin Receptor
Solubility : 10 mM in DMSO



Biological Activity

PF-04418948 (PF 04418948) is a novel potent and selective, orally active prostaglandin **EP2 receptor antagonist**. PF-04418948 inhibits prostaglandin E(2)(PGE(2))-induced increase in cAMP in cells with a functional K(B) value of 1.8 nM. PF-04418948 attenuates the butaprost-induced cutaneous blood flow response in rats.

References

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Birrell MA, et al. *Br J Pharmacol*. 2013 Jan;168(1):129-38.
Kach J, et al. *J Biol Chem*. 2014 Mar 14;289(11):7505-13.

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

E-mail: tech@probechem.com