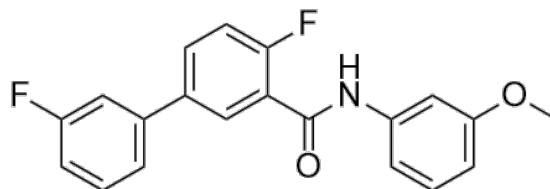


Product Name : PGN 9856-isopropyl ester
Cat. No. : PC-35836A
CAS No. : 1177429-82-1
Molecular Formula : C₂₄H₂₁F₂NO₄
Molecular Weight : 425.43
Target : Prostaglandin Receptor
Solubility : 10 mM in DMSO



CAS: 1177429-82-1

Biological Activity

PGN 9856-isopropyl ester is the isopropyl ester, which is a potent, selective prostaglandin **EP2 receptor** agonist with pK_i of > 8.3.

PGN 9856-isopropyl ester produced profound decreases in monkey intraocular pressure (IOP).

PGN 9856-isopropyl ester appears to possess efficacy and duration of action properties unmatched by currently prescribed anti-glaucoma agents.

References

Woodward DF, et al. *J Ocul Pharmacol Ther.* 2019 Jun;35(5):265-277.

Coleman RA, et al. *Br J Pharmacol.* 2019 Mar;176(5):687-698.

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

E-mail: tech@probechem.com