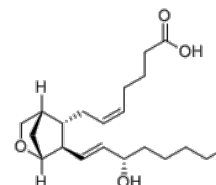


Product Name : U-46619
Cat. No. : PC-62041
CAS No. : 56985-40-1
Molecular Formula : C₂₁H₃₄O₄
Molecular Weight : 350.5
Target : Prostaglandin Receptor
Solubility : 10 mM in DMSO



Biological Activity

U-46619 is a potent and stable **thromboxane A2 (TP) receptor** agonist with EC₅₀ of 35 nM.

U-46619 activates ERK-1 and ERK-2 in HEK 293 cells expressing TP α and TP β receptors, and potently stimulates TP receptor-mediated, but not other prostaglandin receptor-mediated responses in vitro.

References

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Morinelli TA, et al. *Am J Physiol*. 1987 Nov;253(5 Pt 2):H1035-43.

Coleman RA, et al. *Br J Pharmacol*. 1981 Jul;73(3):773-8.

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

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