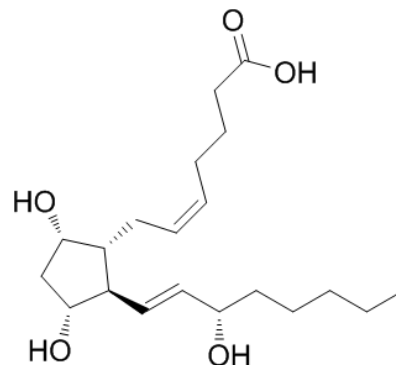


Product Name : Dinoprost
Cat. No. : PC-43292
CAS No. : 551-11-1
Molecular Formula : C₂₀H₃₄O₅
Molecular Weight : 354.481
Target : Prostaglandin Receptor
Solubility : 10 mM in H₂O



Biological Activity

Dinoprost (Prostaglandin F_{2α}, PGF_{2α}) is a naturally occurring prostaglandin used to induce labor and as an abortifacient, causes contraction of vascular, bronchial, intestinal, and myometrial smooth muscle, and also exhibits potent luteolytic activity.

References

- Samuelsson B, et al. *Annu Rev Biochem.* 1978;47:997-1029.
Luengo J, et al. *Eur J Obstet Gynecol Reprod Biol.* 1977;7(5):325-9.
Watanabe K, et al. *Proc Natl Acad Sci U S A.* 1986 Mar;83(6):1583-7.

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

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