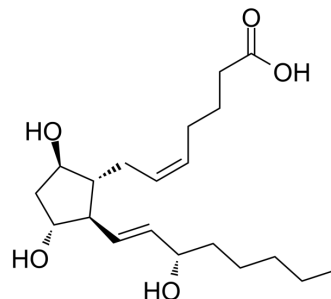


(5R)-Dinoprost

Cat. No.:	HY-12956B
CAS No.:	4510-16-1
Molecular Formula:	C ₂₀ H ₃₄ O ₅
Molecular Weight:	354.48
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(5R)-Dinoprost is a metabolite produced by cyclooxygenase metabolism of arachidonic acid. (5R)-Dinoprost (Prostaglandin F₂β) induces dose-dependent release of hexose containing mucin^{[1][2]}.

REFERENCES

[1]. Lamont JT, et, al. Cysteamine and prostaglandin F₂ beta stimulate rat gastric mucin release. *Gastroenterology*. 1983 Feb;84(2):306-13.

[2]. Jang Y, et, al. Molecular mechanisms underlying the actions of arachidonic acid-derived prostaglandins on peripheral nociception. *J Neuroinflammation*. 2020 Jan 22;17(1):30.

Caution: Product has not been fully validated for medical applications. For research use only.

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