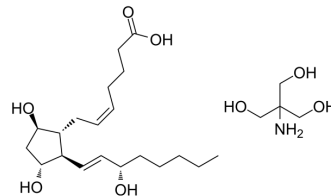


(5R)-Dinoprost tromethamine

Cat. No.:	HY-114850A
CAS No.:	89847-02-9
Molecular Formula:	C ₂₄ H ₄₅ NO ₈
Molecular Weight:	475.62
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 tromethamine (Prostaglandin F₂β tromethamine) is a metabolite produced by the metabolism of arachidonic acid cyclooxygenase. (5R)-Dinoprost tromethamine induces dose-dependent release of hexosaccharide 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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