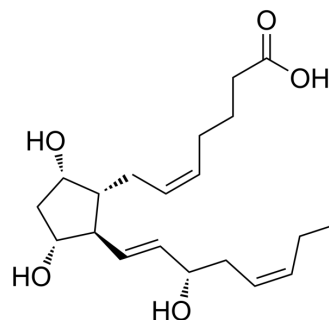


Prostaglandin F3 α

Cat. No.:	HY-129764
CAS No.:	745-64-2
Molecular Formula:	C ₂₀ H ₃₂ O ₅
Molecular Weight:	352.47
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Prostaglandin F3 α (PGF3 α) is an eicosapentaenoic acid (EPA)-derived bioactive lipid mediator that has anti-cancer and anti-inflammatory effects. Prostaglandin F3 α is a substrate of ABCC4 with a K_m of 12.1 μ M. Prostaglandin F3 α can be used for the research of diabetes^{[1][2]}.

REFERENCES

- [1]. Tanaka N, et al. Transport of eicosapentaenoic acid-derived PGE₃, PGF(3 α), and TXB₃ by ABCC4. PLoS One. 2014 Oct 2;9(10):e109270.
- [2]. Sailaja Devi MM, et al. Effect of prostaglandins against alloxan-induced diabetes mellitus. Prostaglandins Leukot Essent Fatty Acids. 2006 Jan;74(1):39-60.

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

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