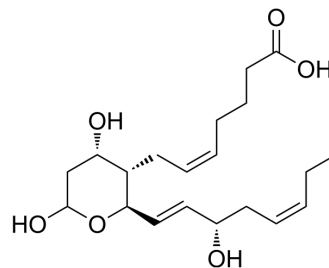


Thromboxane B3

Cat. No.:	HY-113445
CAS No.:	71953-80-5
Molecular Formula:	C ₂₀ H ₃₂ O ₆
Molecular Weight:	368.46
Target:	Endogenous Metabolite; COX
Pathway:	Metabolic Enzyme/Protease; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Thromboxane B3 is a prostaglandin analog derived from arachidonic acid (AA) in the cyclooxygenase (COX) metabolic pathway. Thromboxane B3 is generated from arachidonic acid (AA) in platelets and vascular endothelial cells through the catalysis of cyclooxygenase (COX) and thromboxane synthase (TXS). Thromboxane B3 has been reported to be formed by human platelets upon ingestion of eicosapentaenoic acid (C20: 5 ω 3)^{[1][2]}.

REFERENCES

[1]. Fischer S, et al. Thromboxane A3 (TXA3) is formed in human platelets after dietary eicosapentaenoic acid (C20: 5 ω 3)[J]. Biochemical and biophysical research communications, 1983, 116(3): 1091-1099.

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

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