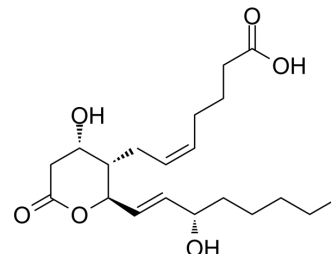


11-Dehydro-thromboxane B2

Cat. No.:	HY-113420
CAS No.:	67910-12-7
Molecular Formula:	C ₂₀ H ₃₂ O ₆
Molecular Weight:	368.46
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Pure form -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 1 mg/mL (2.71 mM; Need ultrasonic and warming)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.7140 mL	13.5700 mL	27.1400 mL
	5 mM		---	---	---
	10 mM		---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

11-Dehydro-thromboxane B2 is a platelet hemagglutinin. Thromboxane inhibition was assessed by urinary excretion levels of 11-Dehydro-thromboxane B2. 11-Dehydro-thromboxane B2 can be used in the study of atherosclerotic thrombosis^{[1][2]}.

IC₅₀ & Target

Human Endogenous Metabolite

REFERENCES

- [1]. Simeone P, et al. Significance of urinary 11-dehydro-thromboxane B2 in age-related diseases: Focus on atherothrombosis. Ageing Res Rev. 2018 Dec;48:51-78.
- [2]. Lopez LR, et al. Platelet thromboxane (11-dehydro-Thromboxane B2) and aspirin response in patients with diabetes and coronary artery disease. World J Diabetes. 2014 Apr 15;5(2):115-27.

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

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