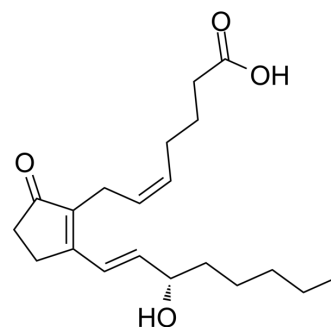


Prostaglandin B2

Cat. No.:	HY-113042
CAS No.:	13367-85-6
Molecular Formula:	C ₂₀ H ₃₀ O ₄
Molecular Weight:	334.45
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Solution, -20°C, 2 years



BIOLOGICAL ACTIVITY

Description	Prostaglandin B2 is a prostaglandin. Prostaglandin B2 is the main substance in cord blood mesenchymal stem cells, to inhibit DC-T Cell proliferation. Prostaglandin B2 also induces cutaneous vasoconstriction of the canine hind paw ^{[1][2]} .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

- [1]. Greenberg S, Engelbrecht JA, Wilson WR. Prostaglandin B2-induced cutaneous vasoconstriction of the canine hind paw. *Circ Res.* 1974 Apr;34(4):491-7.
- [2]. van den Berk LC, et al. Cord blood mesenchymal stem cells suppress DC-T Cell proliferation via prostaglandin B2. *Stem Cells Dev.* 2014 Jul 15;23(14):1582-93.

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

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