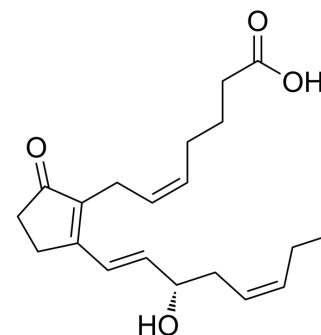


Prostaglandin B₃

Cat. No.:	HY-117431
CAS No.:	36614-32-1
Molecular Formula:	C ₂₀ H ₂₈ O ₄
Molecular Weight:	332.43
Target:	PPAR; Endogenous Metabolite
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Prostaglandin B ₃ (PGB ₃) is a member of the class of prostaglandins B and a secondary alcohol. PGB ₃ exhibits a rather low affinity to human PPAR γ with a K _i value greater than 1 mM compared with K _i values of 26.28 \pm 8.7 μ M for PGB ₁ and 77 \pm 37.7 μ M for PGB ₂ ^[1] .
IC ₅₀ & Target	PPAR γ

REFERENCES

[1]. Ferry G, et al. Binding of prostaglandins to human PPAR γ : tool assessment and new natural ligands. Eur J Pharmacol. 2001 Apr 6;417(1-2):77-89.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA