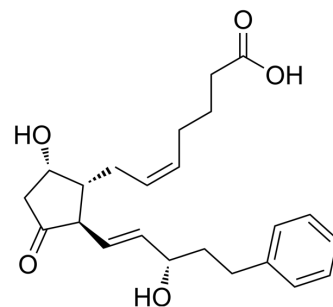


17-Phenyl-18,19,20-trinor-PGD2

Cat. No.:	HY-137288
CAS No.:	85280-91-7
Molecular Formula:	C ₂₃ H ₃₀ O ₅
Molecular Weight:	386.48
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

17-Phenyl-18,19,20-trinor-PGD2 (17-Phenyl-PGD2) is an analogue of prostaglandin D2 (PGD2; HY-101988). 17-Phenyl-18,19,20-trinor-PGD2 is a potent inhibitor of platelet aggregation caused by adenosine diphosphate (ADP), with the IC₅₀ of 8.4 μM (PGD2 IC₅₀ = 18.6 nM). 17-Phenyl-18,19,20-trinor-PGD2 is a weak agonist of cyclic AMP accumulation^[1].

REFERENCES

[1]. S Narumiya, et al. Different responsiveness of prostaglandin D2-sensitive systems to prostaglandin D2 and its analogues. *Br J Pharmacol.* 1985 Jun;85(2):367-75.

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

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