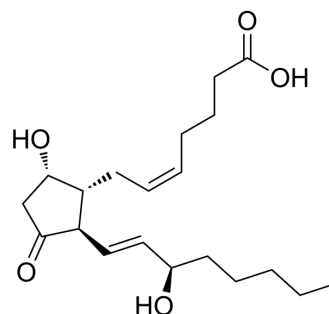


15(R)-Prostaglandin D2

Cat. No.:	HY-137308
CAS No.:	59894-05-2
Molecular Formula:	C ₂₀ H ₃₂ O ₅
Molecular Weight:	352.47
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	15(R)-Prostaglandin D2 is a potential prostatic hormone DP(2) receptor (Prostaglandin Receptor) agonist with anti-inflammatory activity. 15(R)-Prostaglandin D2 increases actin polymerization in human eosinophils and increases cAMP levels in platelets ^[1] .
In Vitro	15(R)-Prostaglandin D2 (1 μM) increases actin polymerization in human eosinophils and increases cAMP levels in platelets ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kim S, et al. Synthesis of 15R-PGD2: a potential DP2 receptor agonist. *Bioorg Med Chem Lett*. 2005 Apr 1;15(7):1873-6.

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

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