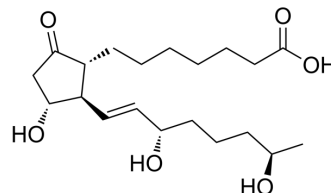


19(R)-Hydroxy prostaglandin E1

Cat. No.:	HY-137574
CAS No.:	64625-55-4
Molecular Formula:	C ₂₀ H ₃₄ O ₆
Molecular Weight:	370.48
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

19(R)-Hydroxy prostaglandin E1 (19(R)-Hydroxy PGE1), the major prostaglandin in primate semen, is an agonist of EP1 and EP3 receptor subtypes and exhibits contractile activity on smooth muscle preparations^{[1][2]}.

REFERENCES

- [1]. Kelly RW, et al. 19-Hydroxyprostaglandin E1 as a major component of the semen of primates. *Nature*. 1976 Apr 8;260(5551):544-5.
- [2]. Woodward DF, et al. Identification of 19 (R)-OH prostaglandin E2 as a selective prostanoid EP2-receptor agonist. *Prostaglandins*. 1993 Oct;46(4):371-83.

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

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