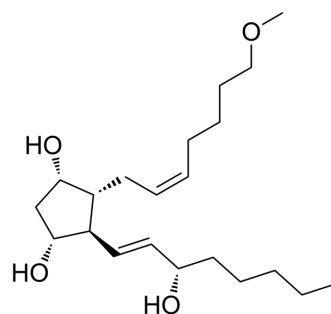


Prostaglandin F2 α alcohol methyl ether

Cat. No.:	HY-117061
CAS No.:	143656-18-2
Molecular Formula:	C ₂₁ H ₃₈ O ₄
Molecular Weight:	354.52
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Prostaglandin F2 α alcohol methyl ether is an alcohol methyl ether G protein-coupled receptor. Prostaglandin F2 α is also a luteinizing hormone in sheep and may be a nociceptive mediator in the spinal cord^{[1][2][3]}.

REFERENCES

- [1]. Richie-Jannetta R, et al. Structural determinants for calcium mobilization by prostaglandin E2 and prostaglandin F2 α glyceryl esters in RAW 264.7 cells and H1819 cells. *Prostaglandins Other Lipid Mediat.* 2010 Jun;92(1-4):19-24.
- [2]. McCracken J A, et al. Prostaglandin F2 α identified as a luteolytic hormone in sheep[J]. *Nature New Biology*, 1972, 238(83): 129-134.
- [3]. Woodward DF, et al. Recent progress in prostaglandin F2 α ethanolamide (prostamide F2 α) research and therapeutics. *Pharmacol Rev.* 2013 Jul 26;65(4):1135-47.

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

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