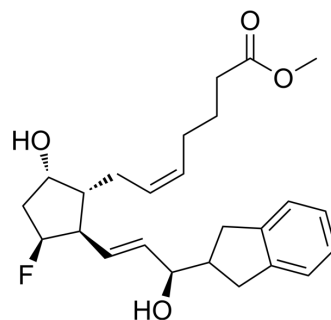


AL 8810 methyl ester

Cat. No.:	HY-118190
CAS No.:	1176541-11-9
Molecular Formula:	C ₂₅ H ₃₃ FO ₄
Molecular Weight:	416.53
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description AL 8810 methyl ester is a prostaglandin F(2α) analog and a prostaglandin F(2α) receptor agonist. Can competitively antagonize the effects of the FP receptor agonist Fluprostenol (HY-108560). AL 8810 methyl ester has no significant potency against TP, DP, EP(2), EP(4) receptor subtypes in cell lines^[1].

In Vitro AL 8810 methyl ester inhibits the Fluprostenol response in A7r5 rat thoracic aortic smooth muscle cells and Swiss mouse 3T3 fibroblasts^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Griffin BW, et al. AL-8810: a novel prostaglandin F2 alpha analog with selective antagonist effects at the prostaglandin F2 alpha (FP) receptor. J Pharmacol Exp Ther. 1999 Sep;290(3):1278-84.

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

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