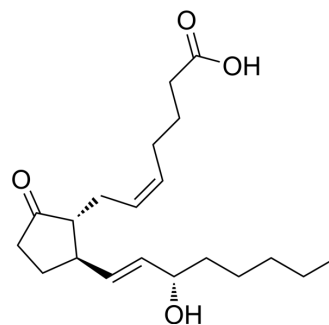


11-Deoxy Prostaglandin E2

Cat. No.:	HY-114910
CAS No.:	35536-53-9
Molecular Formula:	C ₂₀ H ₃₂ O ₄
Molecular Weight:	336.47
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

11-Deoxy Prostaglandin E2 is a selective agonist of EP4 with an EC₅₀ of 0.66 nM. 11-Deoxy Prostaglandin E2 is an analog of prostaglandin E2. 11-Deoxy Prostaglandin E2 can be used in study bone healing, heart failure, and other receptor associated conditions^{[1][2]}.

REFERENCES

[1]. Holt MC, et al. Improved homology modeling of the human & rat EP4 prostanoid receptors. BMC Mol Cell Biol. 2019 Aug 27;20(1):37.

[2]. Ungrin MD, et al. Key structural features of prostaglandin E(2) and prostanoid analogs involved in binding and activation of the human EP(1) prostanoid receptor. Mol Pharmacol. 2001 Jun;59(6):1446-56.

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

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