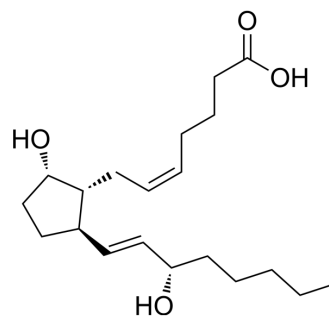


11-Deoxyprostaglandin F2 α

Cat. No.:	HY-116704
CAS No.:	37786-06-4
Molecular Formula:	C ₂₀ H ₃₄ O ₄
Molecular Weight:	338.48
Target:	Potassium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

11-Deoxyprostaglandin F2 α is an activator for TREK-2 channels with EC₅₀ of 0.294 μ M. 11-Deoxyprostaglandin F2 α inhibits the K2P channel TREK-1^[1].

REFERENCES

[1]. Dadi PK, et al., Selective Small Molecule Activators of TREK-2 Channels Stimulate Dorsal Root Ganglion c-Fiber Nociceptor Two-Pore-Domain Potassium Channel Currents and Limit Calcium Influx. ACS Chem Neurosci. 2017 Mar 15;8(3):558-568.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA