Prostaglandin $F_{2\alpha}$

Prostanoid receptor ligand

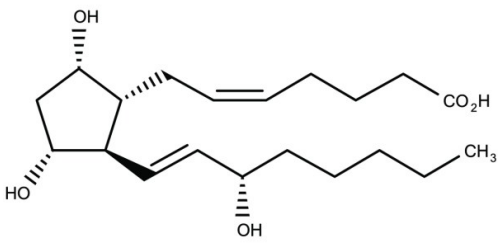
A major uterine luteolytic prostaglandin. Endogenous agonist of the prostanoid FP receptor (K_D=1.0nM). Inhibits differentiation of 3T3-L1 preadipocytes.

Citations: 4 View Online »

Ordering Information Order Online »

BML-PG008-0010	10mg

Manuals, SDS & CofA View Online »


OH
CO2H
CH3
HO
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored, as supplied, at -20°C. Stock solutions are stable for up to 3 months at -20°C.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Dinoprost, 9α,11α,15S-Trihydroxy-prosta-5Z,13E-dien-1-oic acid, PGF2α
Appearance	Low melting white solid or colorless oil.
CAS	551-11-1
Couple Target	Prostaglandin receptor, Prostanoid receptor
Couple Type	Ligand
Formula	$C_{20}H_{34}O_5$
MW	354.5
Purity	≥99% (TLC)
Solubility	Soluble in 100% ethanol (50mg/ml).

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.