Prostaglandin E_1

Prostanoid receptor ligand

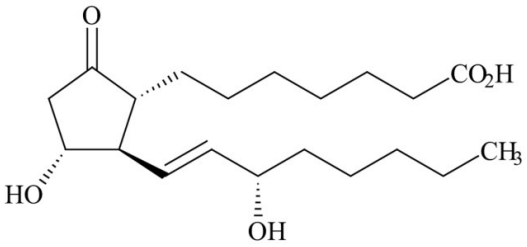
Biosynthesis from dihomo-γ-linolenic acid. A major prostaglandin in semen. Inhibits human platelet aggregation. Effects induced by receptor-mediated elevation of cAMP.

Citations: 3 View Online »

Ordering Information Order Online »

BML-PG006-0010	10mg

Manuals, SDS & CofA View Online »


O
CO2H
CH3
HO
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	PGE1
Appearance	White to off-white solid.
CAS	745-65-3
Couple Target	Prostanoid receptor
Couple Type	Ligand
Formula	$C_{20}H_{34}O_5$
MW	354.5
Purity	≥98% (HPLC)
Solubility	Soluble in ethanol (50mg/ml) or acetone (10mg/ml).
Source	Synthetic.

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