Prostaglandin A_1

Prostanoid receptor ligand

Biosynthesis from dihomo-γ-linolenic acid. Stimulates renin release. Antitumor activity. Inhibits NFκB activation in several human cell lines. Induces the synthesis of heat shock proteins. Activates PPARs in human osteosarcoma cells at 10μM.

Citations: 7 View Online »

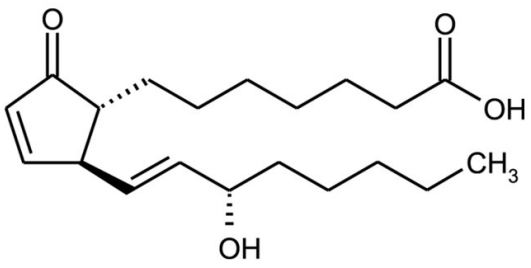
Ordering Information

Order Online »

BML-PG001-0010	10mg

Manuals, SDS & CofA

View Online »


O
O
OH
CH3
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.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	PGA1
Appearance	White solid.
CAS	14152-28-4
Couple Target	Prostanoid receptor
Couple Type	Ligand
Formula	$C_{20}H_{32}O_4$
MW	336.5
Purity	≥98% (HPLC)
Solubility	Soluble in 100% ethanol (50mg/ml), DMSO (50mg/ml) or PBS pH7.2 (2.4mg/ml).

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