Web: www.taiclone.com
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Limaprost

Catalog No: tcsc2912

Available Sizes

Size: 2mg

Size: 5mg

Size: 10mg

Size: 50mg

Specifications

CAS No:
74397-12-9

Formula:
$C_{22}H_{36}O_5$

Pathway:
Immunology/Inflammation

Target:
PGE synthase

Purity / Grade:
>98%

Solubility:
DMSO : ≥ 40 mg/mL (105.12 mM)

Alternative Names:
17α,20-dimethyl-δ2-PGE1;ONO1206;OP1206

Observed Molecular Weight:
380.52

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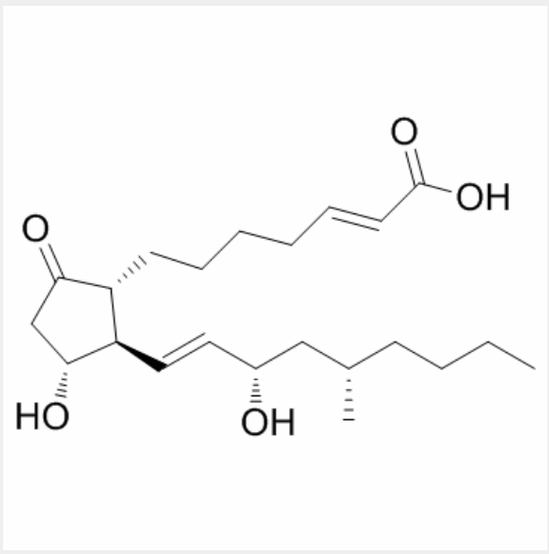
Product Description

Limaprost(OP1206) is a PGE1 analog and potent platelet adhesion inhibitor.

Target: Others

Limaprost, an alprostadil (prostaglandin E1) analogue, is a vasodilator that increases blood flow and inhibits platelet aggregation. Limaprost is a n analog of PGE1 with structural modifications intended to give a prolonged half-life and greater potency. It is orally active in both guinea pigs and rats at doses of 100 mg/kg as an inhibitor of ADP and collagen induced platelet aggregation. It is 10-1,000 times more potent than PGE1 as a platelet adhesive inhibitor, measured in vitro. Intra-coronary injection (100 ng/kg) or intravenous injection (3 mg/kg) in anesthetized dogs causes vasodilation and increased coronary blood flow by 60-80%. Significant hypotensive effects were seen at 100 and 300 mg/kg orally in rats [1].



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