

Product Data Sheet

Product Name: Prostaglandin H1

Cat. No.: GC18791

Chemical Properties

Cas. No. 52589-22-7

Chemical Name 9 α ,11 α -epidioxy-15S-hydroxy-prost-13E-en-1-oic acid

SMILES CCCC[C@H](O)/C=C/[C@H]1[C@@H]2OO[C@@H](C2)[C@H]1CCCCCCC(O)=O

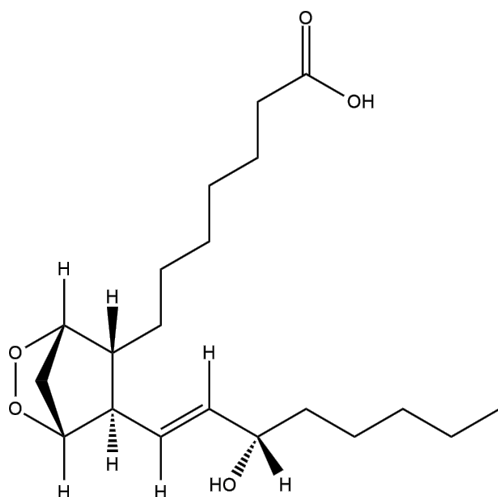
Formula $C_{20}H_{34}O_5$ M.Wt 354.5

Solubility DMF: DO NOT USE DMF,DMSO: Storage -80°C
DO NOT USE DMSO,Ethanol: >100
mg/ml (from U-46619),PBS pH 7.2:
>2 mg/ml (from U-46619)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Prostaglandin H1 (PGH1) is a COX metabolite of DGLA and is the precursor to all 1-series PGs and

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thromboxanes. PGH1 is a suicide inhibitor of platelet thromboxane synthase with a K_i of 28 μM .

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