
Product Data Sheet

Product Name: 6-keto Prostaglandin E1

Cat. No.: GC18820

Chemical Properties

Cas. No. 67786-53-2

Chemical Name 6,9-dioxo-11 α ,15S-dihydroxy-prost-13E-en-1-oic acidSMILES CCCCC(O)/C=C/[C@H]1C(O)CC(=O)C1CC(=O)CCCC(=O)OFormula C₂₀H₃₂O₆

M.Wt 368.5

Solubility Ethanol: >50 mg/ml (from PGE1),DMF: >100 mg/ml (from PGE1),DMSO: >50 mg/ml (from PGE1),PBS pH 7.2: >1.6 mg/ml (from PGE1) Store Storage at -20°C

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**

6-keto PGE1 is a metabolite isolated after the incubation of PGI2 with rabbit liver microsomes. However, it is not produced in appreciable amounts following IV infusion of PGI2 in humans. 6-keto PGE1 is equipotent with PGI2 as a vasodilator; in most other aspects its activity resembles PGE1.

Caution: Product has not been fully validated for medical applications. For research use only.

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