
Product Data Sheet

Product Name: Prostaglandin F2 α Alcohol

Cat. No.: GC18914

Chemical Properties

Cas. No. 13261-27-3

Chemical Name 1,9 α ,11 α ,15S-tetrahydroxyprosta-5Z,13E-dieneSMILES O[C@@H]1[C@H](C/C=C\CCCCO)[C@@H](/C=C/[C@@H](O)CCCC)[C@H](O)C1Formula C₂₀H₃₆O₄

M.Wt 340.5

Solubility DMF: 29 mg/ml,DMSO: 29 mg/ml,Ethanol: 9 mg/ml,PBS (7.2): 0.36 mg/ml

Storage Store 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**

Prostaglandin F2 α alcohol (PGF2 α -OH) is an analog of PGF2 α in which the C-1 carboxyl group has been reduced to a primary alcohol. Biological studies on rat uterus show it to be a weak agonist. The compound is reported to retain ocular hypotensive properties, but the nature of the receptors which mediate these effects is disputed.

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

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