
Product Data Sheet

Product Name: 17-trans Prostaglandin F3 α

Cat. No.: GC41420

Chemical Properties

Cas. No. 211100-24-2

SMILES O[C@H]1[C@H](/C=C/[C@@H](O)C/C=C/CC)[C@@H](C/C=C\CCCC(O)=O)[C@@H](O)C1Formula C₂₀H₃₂O₅ M.Wt 352.5Solubility 10 mM Na₂CO₃: >6.5 mg/ml (from PGF₂ α),DMF: >100 mg/ml (from PGF₂ α),DMSO: >100 mg/ml (from PGF₂ α),Ethanol: >100 mg/ml (from PGF₂ α),PBS pH 7.2: >10 mg/ml (from PGF₂ α)
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**

17-trans PGF₃ α is a double bond isomer of PGF₃ α and a potential metabolite of trans dietary fatty acids. There are no published reports on the biological activity of this compound.

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

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