
Product Data Sheet

Product Name: Prostaglandin F1 α Alcohol

Cat. No.: GC18920

Chemical Properties

Cas. No. 13487-47-3

Chemical Name 1,9 α ,11 α ,15S-tetrahydroxy-prost-13E-eneSMILES O[C@@H]1[C@H](CCCCCCC)[C@@H](/C=C/[C@@H](O)CCCC)[C@H](O)C1Formula C₂₀H₃₈O₄ M.Wt 342.5Solubility DMF: 12 mg/ml, DMSO: 8 mg/ml, Ethanol: 10 mg/ml, PBS (7.2): 100 μ g/ml when added as an eth
Store Storage at -20 $^{\circ}$ CGeneral tips For obtaining a higher solubility, please warm the tube at 37 $^{\circ}$ C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 $^{\circ}$ 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 F1 α (PGF1 α) alcohol is an analog of PGF1 α with a primary alcohol replacing the C-1 carboxyl group. There are no published reports on the biological activity of this compound; however, the corresponding PGE1 analog is a relatively selective EP3 and EP4 receptor ligand.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA