Product Data Sheet

Product Name: 2,3-dinor Fluprostenol
Cat. No.: GC42064

Chemical Properties

Cas. No.			
SMILES	O[C@@H]1[C@H](C/C=C\CC(O)=O)[C@@H](/C=C/[C@@H](O)COC2=CC=CC(C(F)(F)F)=C2)[C@H](O)C1		
Formula	$C_{21}H_{25}F_3O_6$	M.Wt	430.4
Solubility	DMF: >100 mg/ml,DMSO: >100 mg/ml,Ethanol: >100 mg/ml,PBS (pH 7.2): 16 mg/ml (from Fluprostenol)	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ 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	2,3-dinor Fluprostenol		

Background

Fluprostenol is a well-studied, potent analog of PGF2α acting primarily through the FP receptor. β-Oxidation of fluprostenol yields 2,3-dinor fluprostenol. It is anticipated that this analog will be a prominent metabolite of the parent compound when administered to humans or other animals. It is likely that 2,3-dinor fluprostenol will retain some biological activity with respect to the eicosanoid receptors. However, no studies on the pharmacology of this compound have been published to date. Chemical is a leading manufacturer of various eicosanoid receptor agonists and antagonists, and is currently the exclusive supplier of 2,3-dinor fluprostenol.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA