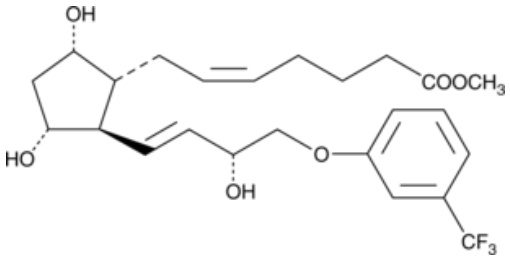
Product Data Sheet

Product Name: Fluprostenol methyl ester
Cat. No.: GC43692

Chemical Properties

Cas. No.	73275-76-0		
SMILES	O[C@@H]1[C@H](C/C=C\CCCC(OC)=O)[C@@H](/C=C/[C@@H](O)COC2=CC(C(F)(F)F)=CC=C2)[C@H](O)C1		
Formula	C24H31F3O6	M.Wt	472.5
Solubility	DMF: 50 mg/ml,DMSO: 50 mg/ml,Ethanol: 50 mg/ml,PBS (pH 7.2): 10 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

Fluprostenol is an F-series prostaglandin analog which has been approved for many years as a luteolytic in veterinary animals. The isopropyl ester of fluprostenol (travoprost) is an effective ocular hypotensive drug. CAY10532 is a methyl ester analog of fluprostenol.

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