

Product Data Sheet

Product Name: Fluprostenol methyl amide

Cat. No.: GC43691

Chemical Properties

Cas. No.

SMILES CNC(CCC/C=C\C[C@@H]1[C@@H]/C=C/[C@@H](O)COC2=CC=CC(C(F)(F)F)=C2)[C@H](O)C[C@@H]1O)=O

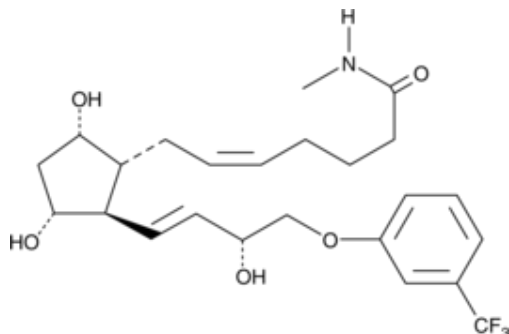
Formula C₂₄H₃₂F₃NO₅ M.Wt 471.5

Solubility DMF: 50 mg/ml, DMSO: 50 mg/ml, Ethanol: 50 mg/ml, PBS (pH 7.2): 1 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. Fluprostenol is the optically active enantiomer of fluprostenol and would be expected to have twice the potency as the racemic mixture. Fluprostenol methyl amide is a methyl amide analog of fluprostenol. There are no published reports on the biological activity of fluprostenol methyl amide.

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

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