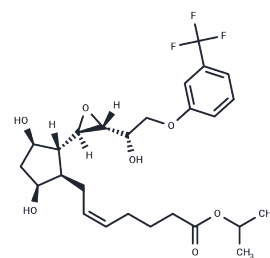


13(R),14(R)-epoxy Fluprostenol isopropyl ester

Chemical Properties

CAS No. :	2557329-36-7
Formula:	C ₂₆ H ₃₅ F ₃ O ₇
Molecular Weight:	516.6
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Fluprostenol isopropyl ester, a potent agonist of the F-series prostaglandin receptor, serves as a prodrug utilized clinically as an ocular hypotensive agent for glaucoma treatment. An impurity, 13(R),14(R)-epoxy fluprostenol isopropyl ester, arises during its production, existing as a chiral enantiomer of the epoxide. The pharmacological properties of this specific enantiomer have yet to be thoroughly investigated.
Targets(IC50)	Others,Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9357 mL	9.6787 mL	19.3573 mL
5 mM	0.3871 mL	1.9357 mL	3.8715 mL
10 mM	0.1936 mL	0.9679 mL	1.9357 mL
50 mM	0.0387 mL	0.1936 mL	0.3871 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481