

Product Data Sheet

Product Name: AL 8810 methyl ester

Cat. No.: GC42762

Chemical Properties

Cas. No. 1176541-11-9

SMILES COC(=O)CCC/C=C\CC1C(O)C[C@H](F)[C@@H]1\C=C\[C@H](O)C1Cc2ccccc2C1

Formula C₂₅H₃₃FO₄

M.Wt 416.5

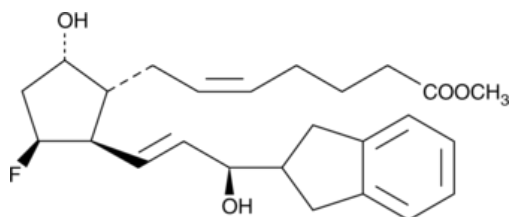
Solubility DMF: 30 mg/ml, DMSO: 25 mg/ml, Ethanol: 50 mg/ml, PBS (pH 7.2): 0.5 mg/ml

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

AL 8810 is an 11β-fluoro analog of prostaglandin F_{2α} (PGF_{2α}) which acts as a potent and selective antagonist at the FP receptor. AL 8810 methyl ester is a lipid soluble, esterified prodrug form of AL 8810 analogous to the commonly used therapeutic intraocular prostaglandin compounds such as latanoprost and travoprost. The pharmacology of AL 8810 methyl ester has not been published.

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

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