

Product Data Sheet

Product Name: 5-cis Iloprost

Cat. No.: GC40976

Chemical Properties

Cas. No. 82889-99-4

SMILES O[C@@H](C(C)CC#CC)/C=C/[C@H]1[C@H](O)C[C@H]2[C@@H]1C/C(C2)=C\CCCC(O)=O

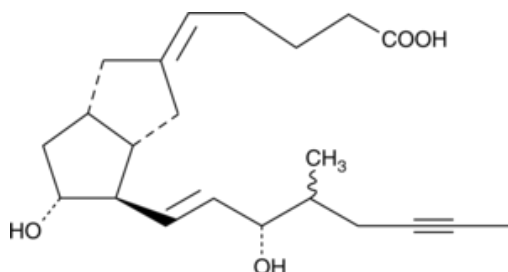
Formula C₂₂H₃₂O₄ M.Wt 360.5

Solubility DMF: 30 mg/ml, DMSO: 25 mg/ml, Ethanol: 30 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

5-cis Iloprost is the C-5 cis-isomer of iloprost, a second generation structural analog of prostaglandin I₂ (prostacyclin). Iloprost displays ten-fold greater potency than the first generation stable prostacyclin analogs, typified by carbaprostacyclin. There are no published studies of the pharmacological properties of 5-cis iloprost.

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

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