

Product Data Sheet

Product Name: U-75302
Cat. No.: GC41289

Chemical Properties

Cas. No. 119477-85-9

SMILES OCCCC[C@H](O)CC1=NC(/C=C/[C@H](O)C/C=C\CCCCC)=CC=C1

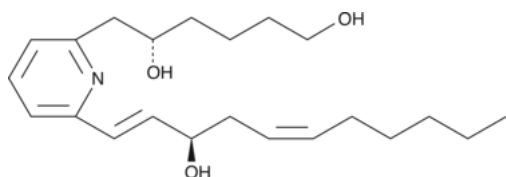
Formula C₂₂H₃₅NO₃ M.Wt 361.5

Solubility DMF: > 7.1 mg/ml, DMSO: > 10 mg/ml, Ethanol: > 50 mg/ml, PBS 7.2: > 80 µg/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

U-75302 is an LTB₄ receptor antagonist with a K_i of 159 nM on guinea pig lung membranes. This activity is specific for the BLT₁ receptor; U-75302 does not antagonize the binding of [3H]-LTB₄ to the human BLT₂ receptor.

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

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