

Product Data Sheet

Product Name: LY210073

Cat. No.: GC31963

Chemical Properties

Cas. No. 148291-65-0

SMILES O=C(O)CCC1=C(OCCCC/C=C/C2=CC=C(OC)C=C2)C=CC(C3=O)=C1OC4=C3C=C(C(O)=O)C=C4

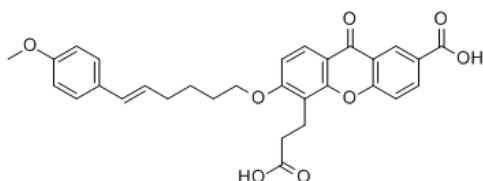
Formula $C_{30}H_{28}O_8$ M.Wt 516.54

Solubility Soluble in DMSO 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

LY210073 is a Leukotriene B₄ (LTB₄) receptor antagonist with an IC₅₀ of 6.2 nM.

LY210073 is a Leukotriene B₄ (LTB₄) receptor antagonist with an IC₅₀ of 6.2±0.1 nM. LY2100731 (Compound 32) appears to be one of the strongest inhibitors of LTB₄ receptor binding reported so far[1].

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

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[1]. Jackson WT, et al. Design, synthesis, and pharmacological evaluation of potent xanthone dicarboxylic acid leukotriene B4 receptor antagonists. J Med Chem. 1993 Jun 11;36(12):1726-34.

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