

Product Data Sheet

Product Name: Leukotriene B3

Cat. No.: GC40278

Chemical Properties

Cas. No. 88099-35-8

SMILES CCCCCCCC[C@@H](O)/C=C/C=C\C=C/[C@@H](O)CCCC(=O)O

Formula C₂₀H₃₄O₄

M.Wt 338.5

Solubility DMF: Miscible, DMSO: Miscible, Ethanol: Miscible, PBS pH 7.2: >1 mg/ml (from 13(S)-HODE)

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.



Background

LTB3 is the LTA hydrolase metabolite of LTA3 in the leukotriene biosynthetic pathway. LTB3 and LTB4 are equipotent in their pro-inflammatory effects. However, LTB3 is five times less potent than LTB4 in eliciting chemotaxis of human neutrophils.

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

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