

Product Data Sheet

Product Name: Cholesteryl linoleate

Cat. No.: GC31636

Chemical Properties

Cas. No. 604-33-1

SMILES CC(C)CCC[C@@H](C)[C@H]1CC[C@@]2([H])[C@]3([H])CC=C4C[C@@H](OC(CCC(CCCC/C=C\C/C=C\C\CCCC)=O)CC[C@]4(C)[C@@]3([H])CC[C@]12C

Formula C₄₅H₇₆O₂

M.Wt 649.1

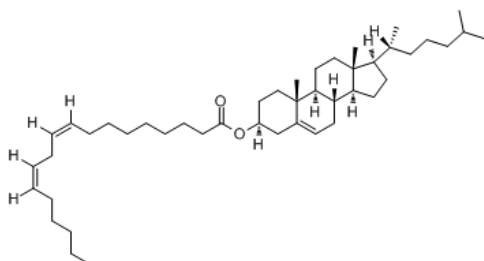
Solubility DMSO:50mg/ml

Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure



Background

Cholesteryl linoleate is shown to be the major cholesteryl ester contained in LDL and atherosclerotic lesions.

[1]. Huber J, et al. Oxidized cholesteryl linoleates stimulate endothelial cells to bind monocytes via the extracellular signal-regulated kinase 1/2 pathway. *Arterioscler Thromb Vasc Biol.* 2002 Apr 1;22(4):581-6.

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

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