

Product Data Sheet

Product Name: Cholesteryl Lignocerate

Cat. No.: GC40041

Chemical Properties

Cas. No. 73024-96-1

SMILES C[C@]12C(C[C@@H](OC(CCCCCCCCCCCCCCCCCCCCCCCC)=O)CC2)=CC[C@]3([H])[C@]1([H])CC[C@@]4(C)[C@@]3([H])CC[C@@]4([C@@H](CCCC(C)C)C)[H]

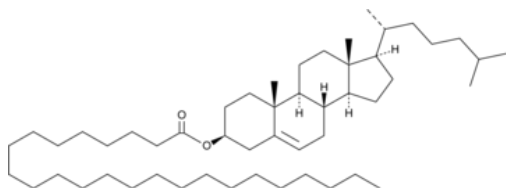
Formula C₅₁H₉₂O₂ M.Wt 737.3

Solubility Chloroform: 10 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

Cholesteryl lignocerate is a cholesterol ester that has been found in human meibum. Cholesteryl lignocerate can be hydrolyzed by cellular extracts from cultured human skin fibroblasts isolated from healthy individuals but not patients with cholesteryl ester storage disease (CESD) or Wolman disease.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA