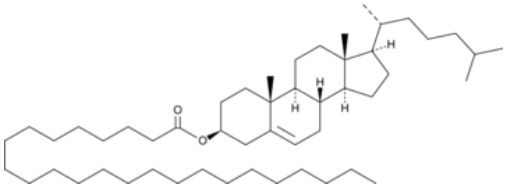
Product Data Sheet

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.
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