PRODUCT INFORMATION

Cholesteryl Eicosapentaenoate
Item No. 22719

CAS Registry No.: 74892-97-0
Formal Name: cholest-5-en-3-ol (3β)-3-[(5Z,8Z,11Z,14Z,17Z)-5,8,11,14,17-eicosapentaenoate]
Synonym: 20:5 Cholesteryl ester
MF: C_{25}H_{44}O_{2}
FW: 671.1
Purity: ≥95%
Supplied as: A solution in chloroform
Storage: -20°C
Stability: ≥1 year

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

Cholesteryl eicosapentaenoate is a cholesterol ester.\(^1\) It induces cytotoxicity in human monocyte-macrophages in a concentration-dependent manner at concentrations ranging from 88 to 880 μM. Cholesteryl eicosapentaenoate levels are elevated 1.89-fold in the serum of pediatric patients with extrahepatic biliary atresia and decreased in the serum and plasma of patients with Alzheimer's disease and abetalipoproteinemia, respectively, compared with healthy individuals.\(^2-4\)

References