
Product Data Sheet

Product Name: Cholesterol glucuronide

Cat. No.: GC62896

Chemical Properties

Cas. No. 17435-78-8

Formula C₃₃H₅₄O₇

M.Wt

562.78

Solubility

Storage

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**

Cholesterol glucuronide is an endogenous metabolite of lipid generated in the liver by UDP glucuonyltransferase[1][2].

The content of Cholesterol glucuronide in the normal liver is higher than the reported value for plasma (18 µg/g vs 6 µg/mL). Cholesterol glucuronide is synthesized in the liver and some of it enters the bloodstream. Probably the rest goes into the bile, like the other glucuronides[1].

[1]. Hara A, et al. Isolation and determination of cholesterol glucuronide in human liver. *Lipids*. 1982 Aug;17(8):515-8.

[2]. Wade AP. The estimation of cholesterol sulphate and cholesterol glucuronide in plasma. *Clin Chim Acta*. 1970 Jan;27(1):109-16.

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

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