
Product Data Sheet

Product Name: Acetaminophen glucuronide

Cat. No.: GC62824

Chemical Properties

Cas. No. 16110-10-4

Formula C₁₄H₁₇NO₈ M.Wt 327.29

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**

Acetaminophen glucuronide is an inactive metabolite of the analgesic and antipyretic agent acetaminophen .¹ It is formed *via* glucuronidation of acetaminophen by the UDP-glucuronosyltransferase (UGT) isoforms UGT1A6, UGT1A9, UGT1A1, and UGT2B15.

1. Mazaleuskaya, L.L., Sangkuhl, K., Thorn, C.F., et al. PharmGKB summary: Pathways of acetaminophen metabolism at the therapeutic versus toxic doses Pharmacogenet. Genomics 25(8)416-426(2015)

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

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