

Product Data Sheet

Product Name: Gitoxin
Cat. No.: GC64887

Chemical Properties

Cas. No. 4562-36-1

Formula C₄₁H₆₄O₁₄

M.Wt 780.94

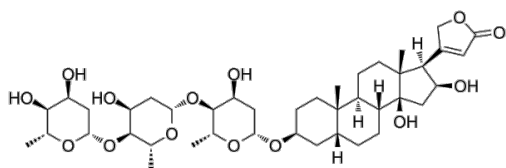
Solubility

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

Gitoxin, a Na⁺/K⁺-ATPase inhibitor, usually appears as a result of metabolic degradation of Digitoxin, is just the hydroxyl (ZOH) group close to the C-17β position, which changes the pharmacokinetics and pharmacodynamics of these substances considerably[1].

[1]. Danijela Krstic, et al. Effects of digoxin and gitoxin on the enzymatic activity and kinetic parameters of Na⁺/K⁺-ATPase. J Enzyme Inhib Med Chem. 2004 Oct;19(5):409-15.

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

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