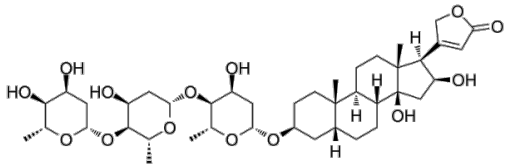
Product Data Sheet

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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