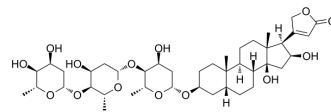


Gitoxin

Cat. No.:	HY-136933		
CAS No.:	4562-36-1		
Molecular Formula:	C ₄₁ H ₆₄ O ₁₄		
Molecular Weight:	780.94		
Target:	Na ⁺ /K ⁺ ATPase		
Pathway:	Membrane Transporter/Ion Channel		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

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

REFERENCES

[1]. Danijela Krstić, 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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