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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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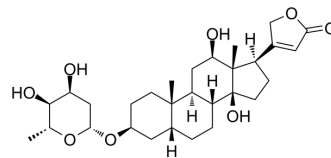
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Digoxigenin monodigitoxoside

Cat. No.:	HY-145154		
CAS No.:	5352-63-6		
Molecular Formula:	C ₂₉ H ₄₄ O ₈		
Molecular Weight:	520.65		
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



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (192.07 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9207 mL	9.6034 mL	19.2068 mL
5 mM	0.3841 mL	1.9207 mL	3.8414 mL
10 mM	0.1921 mL	0.9603 mL	1.9207 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 5 mg/mL (9.60 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 5 mg/mL (9.60 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 5 mg/mL (9.60 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Digoxigenin monodigitoxoside is a Na⁺/K⁺ ATPase inhibitor and cardiac glycoside metabolite of digoxin.

REFERENCES

[1]. De Pover A, et al. Influence of 16 beta formylation on Na, K-ATPase inhibition by cardiac glycosides. Naunyn Schmiedebergs Arch Pharmacol. 1982 Nov;321(2):135-9.

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

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