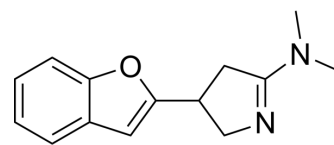


Prifuroline

Cat. No.:	HY-100145
CAS No.:	70833-07-7
Molecular Formula:	C ₁₄ H ₁₆ N ₂ O
Molecular Weight:	228.29
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Prifuroline is an antiarrhythmic agent.
In Vivo	<p>Prifuroline is an antiarrhythmic agent. Prifuroline dose-dependently antagonizes the arrhythmogenic action of aconitine in rats, when administered either intravenously (5, 10 or 20 mg/kg) or intraduodenally (10, 20 or 50 mg/kg). Prifuroline also diminishes ventricular susceptibility to electrical stimulation in open-chest rats. The arrhythmias induced in dogs by coronary artery ligation are markedly antagonized by Prifuroline after doses of 5 and 10 mg/kg i.v. or 30 mg/kg intraduodenally. The duration of its antiarrhythmic activity in this model of arrhythmias in conscious dogs is much longer after intraduodenal than after i.v. administration^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[1]. Benharkate M, et al. Antiarrhythmic and hemodynamic effects of prifuroline. *Arzneimittelforschung*. 1986 Dec;36(12):1761-7.

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

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