

Prifuroline

Catalog No: tcsc0018133



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

70833-07-7

Formula:

$C_{14}H_{16}N_2O$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

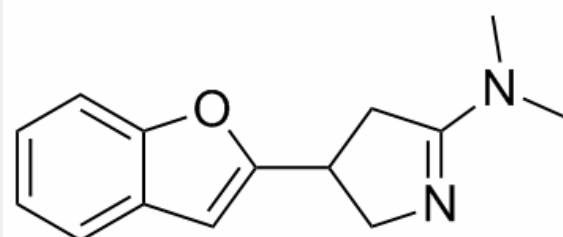
228.29

Product Description

Prifuroline is an antiarrhythmic agent.

In Vivo: 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].



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