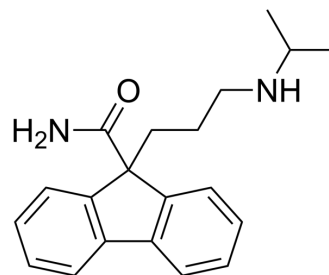


Indecainide

Cat. No.:	HY-121306
CAS No.:	74517-78-5
Molecular Formula:	C ₂₀ H ₂₄ N ₂ O
Molecular Weight:	308.42
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Indecainide (Ricinide) is an orally active antiarrhythmic agent. Indecainide can be used in the research of ventricular dysfunction ^[1] .								
In Vivo	<p>Indecainide (1-5 mg/kg, i.v.) shows antiarrhythmic effect in dogs^[1]. Indecainide (4 mg/kg, p.o.) results in rapid absorption by 15 min^[2]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <table border="1"> <tr> <td>Animal Model:</td> <td>Dogs^[1]</td> </tr> <tr> <td>Dosage:</td> <td>1-5 mg/kg</td> </tr> <tr> <td>Administration:</td> <td>Intravenous injection</td> </tr> <tr> <td>Result:</td> <td>Decreased cardiac contractility.</td> </tr> </table>	Animal Model:	Dogs ^[1]	Dosage:	1-5 mg/kg	Administration:	Intravenous injection	Result:	Decreased cardiac contractility.
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Dosage:	1-5 mg/kg								
Administration:	Intravenous injection								
Result:	Decreased cardiac contractility.								

REFERENCES

- [1]. D R Holland, et al. Indecainide: effects on arrhythmias, electrophysiology, and cardiovascular dynamics. J Cardiovasc Pharmacol. 1989 Sep;14(3):454-61.
- [2]. Lindstrom T D, et al. Metabolism of the antiarrhythmic agent, indecainide, in rats, dogs, and monkeys. Drug metabolism and disposition, 1984, 12(6): 691-697.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA