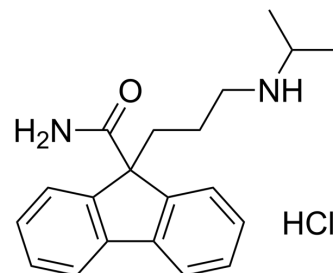


Indecainide hydrochloride

Cat. No.:	HY-16259
CAS No.:	73681-12-6
Molecular Formula:	C ₂₀ H ₂₅ ClN ₂ O
Molecular Weight:	344.88
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Indecainide hydrochloride is a potent and orally active class I local anesthetic antiarrhythmic agent ^[1] .
In Vivo	<p>Indecainide hydrochloride (0, 3, 6, or 9 mg/kg; IV, daily for 1 month) causes 6 of 10 male rats and 1 of 10 female rats die at 9 mg/kg during the test period^[2].</p> <p>Indecainide hydrochloride (0, 1.5, 3, or 4.5 mg/kg; IV, daily for 1 month) causes 2 of 4 dogs die at 4.5 mg/kg; exhibits no overt signs of toxicity and no hematologic, serum chemistry or histologic changes at 1.5 or 3 mg/kg^[2].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

- [1]. Steinberg MI, et al. Electrophysiological studies of indecainide hydrochloride, a new antiarrhythmic agent, in canine cardiac tissues. J Cardiovasc Pharmacol. 1984 Jul-Aug;6(4):614-21.
- [2]. Sandusky GE Jr, et al. Toxicology of indecainide hydrochloride after intravenous administration to rats and dogs. Toxicol Lett. 1985 Aug;26(2-3):107-10.

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

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