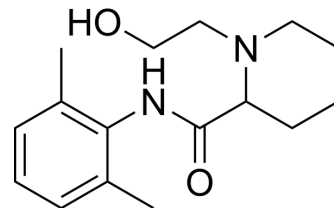


## Droxicainide

Cat. No.:	HY-101617
CAS No.:	78289-26-6
Molecular Formula:	C <sub>16</sub> H <sub>24</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	276.37
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Droxicainide is an antiarrhythmic agent.
In Vivo	In coronary artery occlusion study, Droxicainide reduces hypoperfused area that evolves to necrosis, and reduces the infarct size in dogs <sup>[1]</sup> . Droxicainide decreases the sinus node, atrial and ventricular excitability and contractile force and increases the refractoriness in the study of spontaneously beating atria, electrically stimulated atria and papillary muscles isolated from rats <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Faria DB, et al. Effects of lidocaine and droxicainide on myocardial necrosis: a comparative study. *J Am Coll Cardiol*. 1983 Jun;1(6):1447-52.
- [2]. Helgesen KG, et al. Comparison of electrophysiological and mechanical effects of droxicainide and lidocaine on heart muscle isolated from rats. *Acta Pharmacol Toxicol (Copenh)*. 1984 Oct;55(4):303-7.

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

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