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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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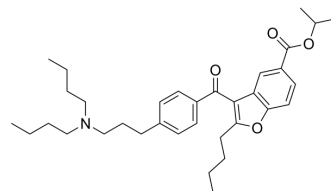
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Celivarone

Cat. No.:	HY-106207
CAS No.:	401925-43-7
Molecular Formula:	C ₃₄ H ₄₇ NO ₄
Molecular Weight:	533.74
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Celivarone (SSR149744C) is a orally active noniodinated benzofuran derivative with antiarrhythmic properties. Celivarone has the potential for atrial fibrillation and in ventricular arrhythmias research ^[1] .
In Vitro	Celivarone (SSR149744C) exhibits electrophysiological and hemodynamic properties of class I, II, III, and IV antiarrhythmic agents ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	In vagally induced atrial fibrillation (AF) in anesthetized dogs, Celivarone (SSR149744C) (3 and 10 mg/kg IV) terminates AF in all 7 dogs and prevented reinduction in 4 out of 7 dogs ^[2] . At the ventricular level, Celivarone (0.1-10 mg/kg IV and 3-90 mg/kg PO) prevents reperfusion-induced arrhythmias in anesthetized rats with a dose-effect relationship, and, at doses of 30 to 90 mg/kg PO, it reduced early (0-24 hours) mortality following permanent left coronary artery ligation in conscious rats ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Avinash R Khitri, et al. Celivarone for maintenance of sinus rhythm and conversion of atrial fibrillation/flutter. *J Cardiovasc Electrophysiol*. 2012 May;23(5):462-72.
- [2]. Patrick Gautier, et al. In vivo and in vitro antiarrhythmic effects of SSR149744C in animal models of atrial fibrillation and ventricular arrhythmias. *J Cardiovasc Pharmacol*. 2005 Feb;45(2):125-35.

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

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