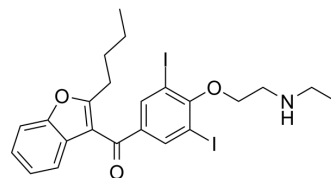


Desethylamiodarone

Cat. No.:	HY-122423
CAS No.:	83409-32-9
Molecular Formula:	C ₂₃ H ₂₅ I ₂ NO ₃
Molecular Weight:	617.26
Target:	Apoptosis; Drug Metabolite
Pathway:	Apoptosis; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Desethylamiodarone (N-Deethylamiodarone) is the major metabolite of antiarrhythmic compound Amiodarone (HY-14187). Desethylamiodarone has antiarrhythmic activity. Desethylamiodaron also induces cancer cell apoptosis^{[1][2]}.

REFERENCES

[1]. Bognar Z, et al. Desethylamiodarone-A metabolite of amiodarone-Induces apoptosis on T24 human bladder cancer cells via multiple pathways. PLoS One. 2017 Dec 8;12(12):e0189470.

[2]. Kannan R, et al. Amiodarone toxicity. II. Desethylamiodarone-induced phospholipidosis and ultrastructural changes during repeated administration in rats. Fundam Appl Toxicol. 1991 Jan;16(1):103-9.

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

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