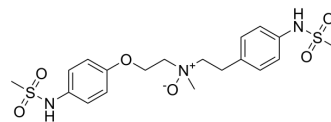


Dofetilide N-oxide

Cat. No.:	HY-100623
CAS No.:	144449-71-8
Molecular Formula:	C ₁₉ H ₂₇ N ₃ O ₆ S ₂
Molecular Weight:	457.56
Target:	Potassium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Dofetilide N-oxide (UK-116856) is a metabolite of Dofetilide. Dofetilide is a class III antiarrhythmic agent that blocks potassium channels ^{[1][2]} .
IC ₅₀ & Target	Potassium channels ^{[1][2]}

REFERENCES

- [1]. Maisch B, et al. Pregnancy and cardiomyopathies. Herz. 2003 May;28(3):196-208.
- [2]. Snyders, D.J. and A. Chaudhary, High affinity open channel block by dofetilide of HERG expressed in a human cell line. Mol Pharmacol, 1996. 49(6): p. 949-55.

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

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