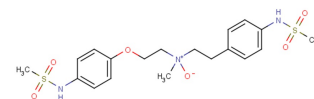


Dofetilide N-oxide

Chemical Properties

CAS No.:	144449-71-8
Formula:	C ₁₉ H ₂₇ N ₃ O ₆ S ₂
Molecular Weight:	457.56
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Dofetilide N-oxide (UK-116856) is a metabolite of dofetilide. Dofetilide can block potassium channels and is a tertiary antiarrhythmic drug.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.186 mL	10.928 mL	21.855 mL
5 mM	0.437 mL	2.186 mL	4.371 mL
10 mM	0.219 mL	1.093 mL	2.186 mL
50 mM	0.044 mL	0.219 mL	0.437 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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.

Inhibitors · Natural Compounds · Compound Libraries

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