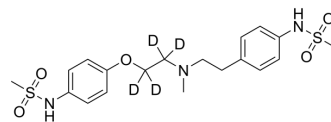


## Dofetilide-d<sub>4</sub>

Cat. No.:	HY-B0232S		
CAS No.:	1189700-56-8		
Molecular Formula:	C <sub>19</sub> H <sub>23</sub> D <sub>4</sub> N <sub>3</sub> O <sub>5</sub> S <sub>2</sub>		
Molecular Weight:	445.59		
Target:	Potassium Channel		
Pathway:	Membrane Transporter/Ion Channel		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 100 mg/mL (224.42 mM)  
 \* "≥" means soluble, but saturation unknown.

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2442 mL	11.2211 mL	22.4422 mL
	5 mM	0.4488 mL	2.2442 mL	4.4884 mL
	10 mM	0.2244 mL	1.1221 mL	2.2442 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Dofetilide-d<sub>4</sub> is a deuterium labeled Dofetilide. Dofetilide is a class III antiarrhythmic agent.

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

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