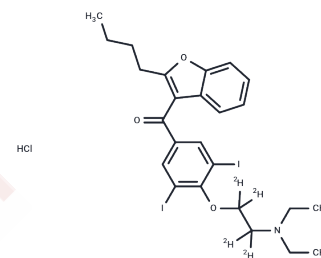


## Amiodarone-D4 hydrochloride

### Chemical Properties

CAS No. :	1216715-80-8
Formula:	C <sub>25</sub> H <sub>26</sub> D <sub>4</sub> ClI <sub>2</sub> NO <sub>3</sub>
Molecular Weight:	685.8
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



### Biological Description

Description	Amiodarone-D4 hydrochloride is a deuterated compound of Amiodarone Hydrochloride (TMSM-3338). Amiodarone hydrochloride has a CAS number of 19774-82-4. Amiodarone hydrochloride is an antianginal and class III antiarrhythmic drug. It increases the duration of ventricular and atrial muscle action by inhibiting POTASSIUM CHANNELS and VOLTAGE-GATED SODIUM CHANNELS. There is a resulting decrease in heart rate and in vascular resistance.
Targets(IC50)	Autophagy,Potassium Channel

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4582 mL	7.2908 mL	14.5815 mL
5 mM	0.2916 mL	1.4582 mL	2.9163 mL
10 mM	0.1458 mL	0.7291 mL	1.4582 mL
50 mM	0.0292 mL	0.1458 mL	0.2916 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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