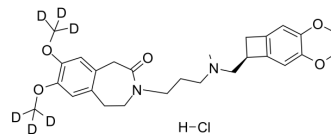


Ivabradine-d₆ hydrochloride

Cat. No.:	HY-B0162AS		
CAS No.:	2070009-63-9		
Molecular Formula:	C ₂₇ H ₃₁ D ₆ ClN ₂ O ₅		
Molecular Weight:	511.08		
Target:	Adrenergic Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : 50 mg/mL (97.83 mM; Need ultrasonic)
 DMSO : 25 mg/mL (48.92 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.9566 mL	9.7832 mL	19.5664 mL
	5 mM	0.3913 mL	1.9566 mL	3.9133 mL
	10 mM	0.1957 mL	0.9783 mL	1.9566 mL

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

BIOLOGICAL ACTIVITY

Description

Ivabradine-d₆ (hydrochloride) is the deuterium labeled Ivabradine hydrochloride. Ivabradine hydrochloride is a new If inhibitor with IC₅₀ of 2.9 μM, and used as a pure heart rate lowering agent.

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

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