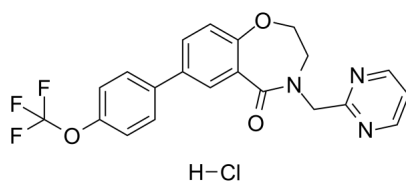


Data Sheet

Product Information

Catalog Number	BP16006
Product Name	Eleclazine hydrochloride
Description	Eleclazine hydrochloride is a novel inhibitor of late Na ⁺ current (IC ₅₀ : 0.7 uM).
Targets&IC ₅₀	Na ⁺ current:0.7 uM
In vitro	Inhibition by GS-6615 of ATX-II enhanced late I _{Na} is potently correlated with shortening of myocyte APD and isolated heart MAPD. Eleclazine hydrochloride inhibits ATX-II enhanced late I _{Na} in ventricular myocytes, shorten the ATX-II induced prolongation of APD, MAPD, QT interval. It also decreased spatiotemporal dispersion of repolarization and ventricular arrhythmias. Selective inhibition of cardiac late I _{Na} with eleclazine hydrochloride confers dual protection against vulnerability to ischemia-induced AF. That decreases atrial and ventricular repolarization abnormalities before and during adrenergic stimulation without negative inotropic effects.
Synonyms	GS 6615 hydrochloride
CAS No.	1448754-43-5
Chemical Formula	C ₂₁ H ₁₇ ClF ₃ N ₃ O ₃
Molecular Weight	451.83
Solubility	DMSO: 100 mg/mL (221.32 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



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