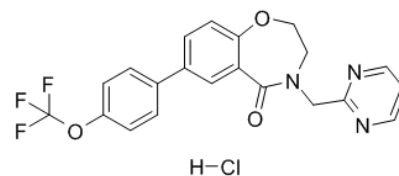


Product Name : Eleclazine hydrochloride
Cat. No. : PC-45068
CAS No. : 1448754-43-5
Molecular Formula : C₂₁H₁₇ClF₃N₃O₃
Molecular Weight : 451.8262
Target : Sodium Channel
Solubility : 10 mM in DMSO



Biological Activity

Eleclazine (GS6615) hydrochloride is a potent, and selective inhibitor of **Late sodium current** (late I_{Na}) for treatment of long QT-3 syndrome (LQT-3), hypertrophic cardiomyopathy (HCM), and ventricular tachycardia-ventricular fibrillation (VT-VF).

Eleclazine (GS6615) is 42 times more potent than Ranolazine in reducing ischemic burden in vivo (EC₅₀=190 nM).

References

Zablocki JA, et al. J. Med. Chem., 2016, 59 (19), pp 9005-9017

Fuller H, et al. Heart Rhythm. 2016 Aug;13(8):1679-86.

Bacic D, et al. Heart Rhythm. 2017 Mar;14(3):448-454.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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