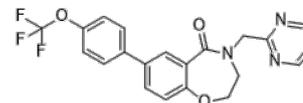


Product Name : Eleclazine
Cat. No. : PC-26048
CAS No. : 1443211-72-0
Molecular Formula : C₂₁H₁₆F₃N₃O₃
Molecular Weight : 415.37
Target : Sodium Channel
Solubility : 10 mM in DMSO



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.

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

E-mail: tech@probechem.com