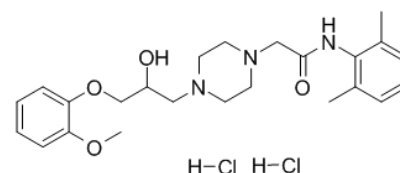


Product Name : Ranolazine dihydrochloride
Cat. No. : PC-45224
CAS No. : 95635-56-6
Molecular Formula : C₂₄H₃₅Cl₂N₃O₄
Molecular Weight : 500.4584
Target : Sodium Channel
Solubility : 10 mM in DMSO



Biological Activity

Ranolazine dihydrochloride is an anti-ischemic agent that has been shown to inhibit late I(Na) and I(Kr) and to have antiarrhythmic effects in various preclinical in vitro models.

Ranolazine dihydrochloride also inhibits cardiac sodium channel **Nav1.5**, shows antiarrhythmic, antiepileptic, and analgesic effects.

References

Sokolov S, et al. Front Pharmacol. 2013 Jun 21;4:78.

Noble D, et al. Heart. 2006 Jul;92 Suppl 4:iv1-iv5.

Wang WQ, et al. J Pharmacol Exp Ther. 2008 Jun;325(3):875-81.

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

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