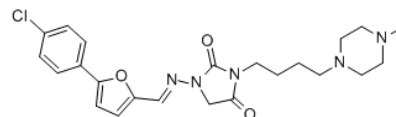


Product Name : Azimilide
Cat. No. : PC-45471
CAS No. : 149908-53-2
Molecular Formula : C₂₃H₂₈ClN₅O₃
Molecular Weight : 457.9531
Target : Potassium Channel
Solubility : 10 mM in DMSO



Biological Activity

Azimilide (NE-10064) is a class III antiarrhythmic agent that blocks **hERG** channel, blocks HERG channel at 0.1 and 1 Hz with IC₅₀s of 1.4 μM and 5.2 μM respectively.

Azimilide blocks the rapidly activating component of the delayed rectifier, I_{Kr} (IC₅₀=0.4 μM), and inhibits I_{Ks} (IC₅₀=3 μM); shows anti-arrhythmic effects.

References

Busch AE, et al. Br J Pharmacol. 1998 Jan;123(1):23-30.

Fermini B, et al. J Cardiovasc Pharmacol. 1995 Aug;26(2):259-71.

Walker BD, et al. Cardiovasc Res. 2000 Oct;48(1):44-58.

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

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