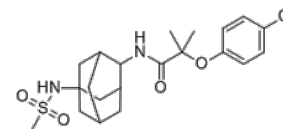


Product Name : JNJ303
Cat. No. : PC-63222
CAS No. : 878489-28-2
Molecular Formula : C₂₁H₂₉ClN₂O₄S
Molecular Weight : 440.983
Target : Potassium Channel
Solubility : 10 mM in DMSO



Biological Activity

JNJ303 is a potent, specific delayed rectifier potassium current (**IKs**) blocker with IC₅₀ of 64 nM, shows no effects on other cardiac channels (IC₅₀=3.3, >10, 11.1 and 12.6 μM for Na, I_{Ca}, I_{to} and I_{Kr} currents).

JNJ303 prolongs QT, strongly increases field potential (FP) duration.

References

Wrobel E, et al. *Nat Commun*. 2016 Oct 12;7:12795.

Braam SR, et al. *Stem Cell Res*. 2013 Jan;10(1):48-56.

Guns PJ, et al. *J Pharmacol Toxicol Methods*. 2012 Sep;66(2):125-34.

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

E-mail: tech@probechem.com