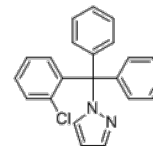


Product Name : TRAM-34
Cat. No. : PC-35994
CAS No. : 289905-88-0
Molecular Formula : C₂₂H₁₇ClN₂
Molecular Weight : 344.84
Target : Potassium Channel
Solubility : 10 mM in DMSO



Biological Activity

TRAM-34 (TRAM34) is a potent and highly selective blocker of intermediate conductance Ca²⁺-activated K⁺ channels (**IKCa1**) with K_d of 20 nM.

TRAM-34 displays 200-1500-fold selectivity over KV, BKCa, KCa₂, Na⁺, CRAC and Cl⁻ channels.

References

Wulff H, et al. *Proc Natl Acad Sci U S A*. 2000 Jul 5;97(14):8151-6.

Köhler R, et al. *Circulation*. 2003 Sep 2;108(9):1119-25.

Wulff H, et al. *J Biol Chem*. 2001 Aug 24;276(34):32040-5.

Ghanshani S, et al. *J Biol Chem*. 2000 Nov 24;275(47):37137-49.

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

E-mail: tech@probechem.com