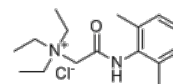


Product Name : QX-314 chloride
Cat. No. : PC-47036
CAS No. : 5369-03-9
Molecular Formula : $C_{16}H_{27}N_2O \cdot Cl$
Molecular Weight : 298.85
Target : Sodium Channel
Solubility : 10 mM in DMSO



Biological Activity

QX 314 chloride is a membrane impermeable quaternary derivative of lidocaine, a blocker of **voltage-activated Na⁺ channels**, also inhibits calcium currents in hippocampal CA1 pyramidal neurons.

References

M Alreja, et al. *Brain Res.* 1994 Mar 14;639(2):320-4.

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

E-mail: tech@probechem.com