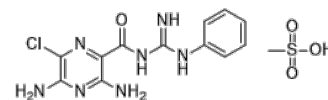


Product Name : Phenamil methanesulfonate
Cat. No. : PC-23761
CAS No. : 1161-94-0
Molecular Formula : C₁₃H₁₆ClN₇O₄S
Molecular Weight : 401.83
Target : Sodium Channel
Solubility : 10 mM in DMSO



Biological Activity

Phenamil methanesulfonate is a potent, reversible epithelial sodium channel (ENaC) blocker with IC₅₀ of 400 nM, is also a competitive inhibitor of TRPP3 and inhibits TRPP3-mediated Ca²⁺ transport with IC₅₀ of 140 nM in Ca²⁺ uptake assay.

References

Xiao-Qing Dai , et al. Mol Pharmacol. . 2007 Dec;72(6):1576-85.
Andrew J Hirsh, et al. J Med Chem. 2006 Jul 13;49(14):4098-115.

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

E-mail: tech@probechem.com