

## Procainamide hydrochloride

Catalog No: #S0018

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## Description

Product Name	Procainamide hydrochloride
Brief Description	Inhibitors
Purification	99.75%
Target Name	AChR inhibitor; DNA Methyltransferase inhibitor; Sodium Channel inhibitor
Calculated MW	271.79
Formulation	C13H21N3OHCl
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Product Description

Research Area: Cardiovascular System  
SMILES: Cl.CCN(CC)CCNC(=O)C1=CC=C(N)C=C1  
Pathways: Chromatin/Epigenetic; Membrane transporter/Ion channel; Neuroscience  
Receptor: AChR; DNA (cytosine-5)-methyltransferase 1; Sodium Channel  
Boiling pt: Melting pt: 165-168°C  
Solubility: Ethanol: 54 mg/mL warmed (198.68 mM); Water: 54 mg/mL (198.68 mM); DMSO: 54 mg/mL (198.68 mM)  
Appearance: Transparent Crystal  
Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

## References

1. Wojnarowska Z, et al. J Chem Phys. 2012 Apr 28;136(16):164507.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.