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## Procainamide hydrochloride

产品编号: D56025

CAS: 614-39-1

分子式:  $C_{13}H_{21}N_3O \cdot HCl$

纯度: 99.46%

InChi Key: InChiKey=ABTXGJFUQRCPNH-UHFFFAOYSA-N

Smiles: Cl.CCN(CC)CCNC(=O)c1ccc(N)cc1

外观: 固体粉末

作用通路: Autophagy; Chromatin/Epigenetic; Membrane transporter/Ion channel; Neuroscience

作用靶点: AChR; Autophagy; DNA Methyltransferase; Sodium Channel

溶解性: DMSO:198.7 mM; water:183.97mM

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: Procainamide Hydrochloride is the hydrochloride salt form of procainamide, an amide derivative exhibiting class 1A antiarrhythmic property and analog of procaine. Procainamide hydrochloride reversibly binds to and blocks activated (open) voltage-gated sodium channels, thereby blocks the influx of sodium ions into the cell, which leads to an increase in threshold for excitation and inhibit depolarization during phase 0 of the action potential.