

Product Data Sheet

Product Name: Procainamide HCl

Cat. No.: GC12805

Chemical Properties

Cas. No. 614-39-1

Chemical Name 4-amino-N-[2-(diethylamino)ethyl]benzamide;hydrochloride

SMILES CCN(CC)CCNC(=O)C1=CC=C(C=C1)N.Cl

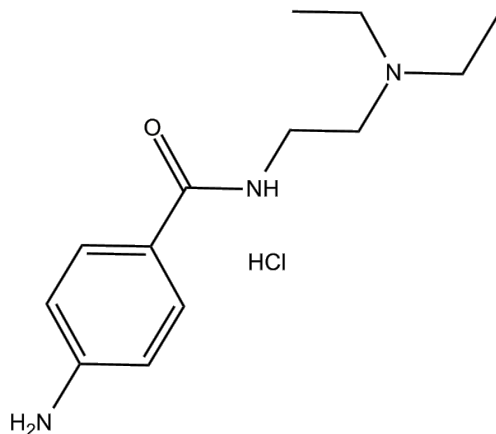
Formula $C_{13}H_{22}ClN_3O$ M.Wt 271.79

Solubility $\geq 13.65\text{mg/mL}$ in DMSO Storage 4°C , protect from light

General tips 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.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Procainamide hydrochloride is an anti-arrhythmic agent and is used to treat cardiac arrhythmia; induces rapid block of the batrachotoxin(BTX)-activated sodium channels of the heart muscle and acts as antagonist to long gating closures.

References:

- [1]. Zamponi GW, et al. Dual actions of procainamide on batrachotoxin-activated sodium channels: open channel block and prevention of inactivation. Biophys J. 1993 Dec;65(6):2324-34.
- [2]. <http://en.wikipedia.org/wiki/Procainamid>

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA