

Product Data Sheet

Product Name: Clorprenaline HCL

Cat. No.: GC12949

Chemical Properties

Cas. No. 6933-90-0

Chemical Name 1-(2-chlorophenyl)-2-(propan-2-ylamino)ethanol;hydrochloride

SMILES CC(C)NCC(C1=CC=CC=C1Cl)O.Cl

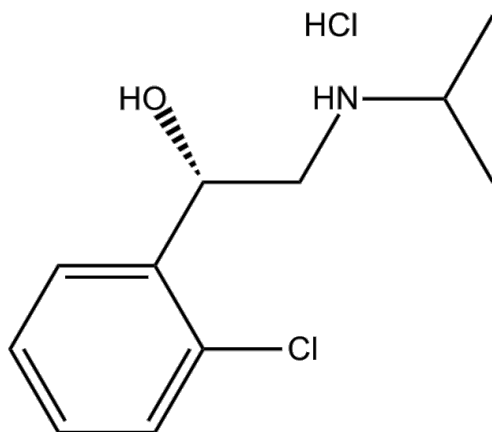
Formula $C_{11}H_{16}ClNO.HCl$ M.Wt 250.16

Solubility DMSO: 1 mg/ml, PBS (pH 7.2): 10 mg/ml Storage Store at 2-8°C

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

Clorprenaline hydrochloride is a β_2 -adrenergic receptor agonist.

References:

[1]. Shao X, et al. Preparation of Fe₂O₃-Clorprenaline/Tetraphenylborate Nanospheres and Their Application as Ion Selective Electrode for Determination of Clorprenaline in Pork. Nanoscale Res

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

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Lett. 2016 Dec;11(1):178.

[2]. Shen S, et al. Determination of beta2-agonists by ion chromatography with direct conductivity detection. J Pharm Biomed Anal. 2005 Jun 1;38(1):166-72.

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