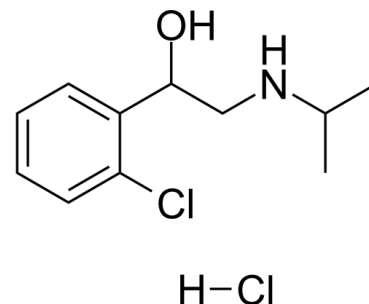


Data Sheet

Product Name:	Clorprenaline hydrochloride
Cat. No.:	CS-8016
CAS No.:	6933-90-0
Molecular Formula:	C ₁₁ H ₁₇ Cl ₂ NO
Molecular Weight:	250.16
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Solubility:	DMSO : 100 mg/mL (399.74 mM; Need ultrasonic and warming)



BIOLOGICAL ACTIVITY:

Clorprenaline hydrochloride is a **β₂-adrenergic receptor** agonist. IC₅₀ & Target: β₂-adrenergic receptor^[1]

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 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.

CAIndexNames:

Benzenemethanol, 2-chloro-α-[[[(1-methylethyl)amino]methyl]-, hydrochloride (1:1)

SMILES:

OC(CNC(C)C)C1=CC=CC=C1Cl.[H]Cl

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

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