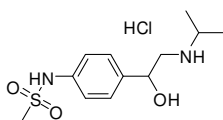




Certificate of Analysis

Axon Catalogue ID: 3645 **Batch Number:** 1
Product Name: Sotalol hydrochloride
Alternative Name(s): N.A.
IUPAC Name: N-(4-(1-Hydroxy-2-(isopropylamino)ethyl)phenyl)methanesulfonamide hydrochloride

Structure:



Amount:

CAS number(s): 3930-20-9 (parent), 959-24-0 (HCl (1:1))
Molecular Formula: C₁₂H₂₀N₂O₃S.HCl **Molecular Weight:** 308.82
Batch Molecular Formula: C₁₂H₂₀N₂O₃S.HCl **Batch Molecular Weight:** 308.82
Appearance: White solid **Observed mp:** 219 °C
TLC (R_f): 0.32 DCM/MeOH (4:1)
Chemical Purity: 100%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 46.67, H 6.85, N 9.07; Found: C 46.59, H 6.91, N 8.91
Storage Conditions: Desiccate at -20 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	30.9	>100 mM	
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	30.9	>100 mM	
EtOH	6.4	20.7	* Warming (40°C) and sonication

Remarks: * Warming (40°C) and sonication enhanced solubility.

QC Date: 29-7-2022

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only