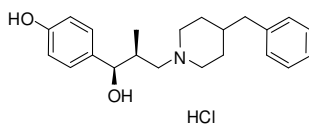




Certificate of Analysis

Axon Catalogue ID: 1314 **Batch Number:** 4
Product Name: Ro 25-6981 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: 4-((1R,2S)-3-(4-Benzylpiperidin-1-yl)-1-hydroxy-2-methylpropyl)phenol hydrochloride

Structure:



Amount:

CAS number(s): 169274-78-6 (parent), 919289-58-0 (HCl (1:1))
Molecular Formula: C₂₂H₂₉NO₂.HCl **Molecular Weight:** 375.93
Batch Molecular Formula: C₂₂H₂₉NO₂.HCl.0.25H₂O **Batch Molecular Weight:** 380.44
Appearance: White solid **Observed mp:** 173 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): 99.5%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 69.46, H 8.08, N 3.68; Found: C 69.53, H 8.14, N 3.82
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	25.0	65.7	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	30.0	78.9	
	EtOH			Not Tested

Remarks:

QC Date: 14-10-2022

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