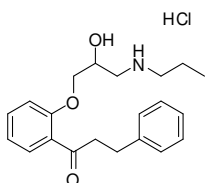




Certificate of Analysis

Axon Catalogue ID: 3644 **Batch Number:** 1
Product Name: Propafenone hydrochloride
Alternative Name(s): N.A.
IUPAC Name: 1-(2-(2-Hydroxy-3-(propylamino)propoxy)phenyl)-3-phenylpropan-1-one hydrochloride

Structure:



Amount:

CAS number(s): 54063-53-5 (parent), 34183-22-7 (HCl (1:1))
Molecular Formula: C₂₁H₂₇NO₃.HCl **Molecular Weight:** 377.90
Batch Molecular Formula: C₂₁H₂₇NO₃.HCl **Batch Molecular Weight:** 377.90
Appearance: White solid **Observed mp:** 173.2 - 174.6 °C
TLC (R_f): 0.37 DCM/MeOH (9:1)
Chemical Purity: 100%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.74, H 7.47, N 3.71; Found: C 66.86, H 7.76, N 3.69
Storage Conditions: Desiccate at -20 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	5.0	13.2	* Warming (40°C)
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	32.9	87.2	
EtOH	3.6	9.5	* Warming (40°C) and sonication

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

QC Date: 28-7-2022

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