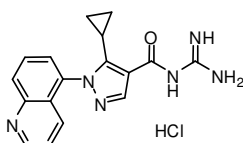




Certificate of Analysis

Axon Catalogue ID: 2022 **Batch Number:** 1
Product Name: Zoniporide hydrochloride
Alternative Name(s): CP 597396 hydrochloride
IUPAC Name: N-Carbamimidoyl-5-cyclopropyl-1-(quinolin-5-yl)-1H-pyrazole-4-carboxamide hydrochloride

Structure:



Amount:

CAS number(s): 241800-98-6 (parent), 241800-97-5 (HCl (1:1))
Molecular Formula: C₁₇H₁₆N₆O.HCl **Molecular Weight:** 356.81
Batch Molecular Formula: C₁₇H₁₆N₆O.HCl.1.25H₂O **Batch Molecular Weight:** 379.33
Appearance: Off-white solid **Observed mp:** 163 - 165 °C
TLC (R_f): 0.2 DCM/MeOH (4:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 53.83, H 5.18, N 22.15, Cl 9.35; Found: C 53.94, H 5.04, N 22.21, Cl 9.82
Storage Conditions: Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	3.5	9.2	Sonication at 40°C enhances solubility.
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	13.3	35.1	
EtOH			Not Tested

Remarks:

QC Date: 30-3-2021

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