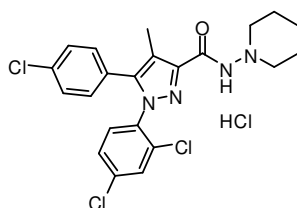




Certificate of Analysis

Axon Catalogue ID: 1220 **Batch Number:** 2
Product Name: SR 141716 hydrochloride
Alternative Name(s): Rimonabant hydrochloride
IUPAC Name: 5-(4-Chloro-phenyl)-1-(2,4-dichloro-phenyl)-4-methyl-1H-pyrazole-3-carboxylic acid piperidin-1-ylamide hydrochloride

Structure:



Amount:

CAS number(s): 168273-06-1 (parent), 158681-13-1 (HCl (1:1))
Molecular Formula: C₂₂H₂₁Cl₃N₄O.HCl **Molecular Weight:** 500.25
Batch Molecular Formula: C₂₂H₂₁Cl₃N₄O.HCl **Batch Molecular Weight:** 500.25
Appearance: White solid **Observed mp:** >230 °C
TLC (R_f): 0.25 DCM/MeOH (20:1), parent
Chemical Purity: 99.2%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.82, H 4.43, N 11.19; Found: C 52.86, H 4.48, N 11.04
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	22.0	44.0	
	EtOH	18.4	36.8	

Remarks:

QC Date: 23-06-2017

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