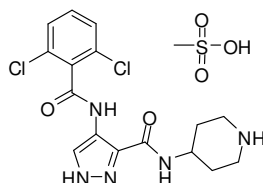




Certificate of Analysis

Axon Catalogue ID: 1539 **Batch Number:** 1
Product Name: AT 7519 mesylate
Alternative Name(s): N.A.
IUPAC Name: 4-(2,6-dichlorobenzamido)-N-(piperidin-4-yl)-1H-pyrazole-3-carboxamide methanesulfonate

Structure:



Amount:

CAS number(s): 844442-38-2 (parent), 902135-89-1 (mesylate (1:1))
Molecular Formula: C₁₆H₁₇Cl₂N₅O₂.CH₄O₃S **Molecular Weight:** 478.35
Batch Molecular Formula: C₁₆H₁₇Cl₂N₅O₂.CH₄O₃S **Batch Molecular Weight:** 478.35
Appearance: White solid **Observed mp:** >300 °C
TLC (R_f): 0.1 DCM/MeOH/NH₃ (9:1:0.01)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 42.68, H 4.42, N 14.64; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	47.8	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO			Not Tested
	EtOH			Not Tested

Remarks:

QC Date: 29-03-2019

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