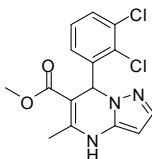




Certificate of Analysis

Axon Catalogue ID: 1734 **Batch Number:** 1
Product Name: K⁺ Channel inhibitor 1734
Alternative Name(s): N.A.
IUPAC Name: Methyl 7-(2,3-dichlorophenyl)-5-methyl-4,7-dihydropyrazolo[1,5-a]pyrimidine-6-carboxylate

Structure:



Amount:

CAS number(s): 343240-54-0
Molecular Formula: C₁₅H₁₃Cl₂N₃O₂ **Molecular Weight:** 338.19
Batch Molecular Formula: C₁₅H₁₃Cl₂N₃O₂ **Batch Molecular Weight:** 338.19
Appearance: Pale-yellow solid **Observed mp:** >210 °C
TLC (R_f): 0.51 EtOAc/Hex (1:1)
Chemical Purity: >97%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 53.27, H 3.87, N 12.43; Found: C ND, H ND, N ND
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)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO		>100	
	EtOH		>100	

Remarks:

QC Date: 23-08-2016

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