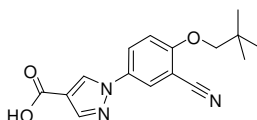




Certificate of Analysis

Axon Catalogue ID: 1174 **Batch Number:** 2
Product Name: Niraxostat
Alternative Name(s): Y700; Piraxostat
IUPAC Name: 1-(3-Cyano-4-(neopentyloxy)phenyl)-1H-pyrazole-4-carboxylic acid

Structure:



Amount:

CAS number(s): 206884-98-2
Molecular Formula: C₁₆H₁₇N₃O₃ **Molecular Weight:** 299.32
Batch Molecular Formula: C₁₆H₁₇N₃O₃ **Batch Molecular Weight:** 299.32
Appearance: Off-white solid **Observed mp:** 193 - 195 °C
TLC (R_f): 0.54 DCM/MeOH (9:1)
Chemical Purity: 98.6%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.20, H 5.72, N 14.04; Found: C 64.49, H 5.77, N 13.77
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)	12.0	40.1	
	0.1N HCl (aq)			Not Tested
	DMSO	29.9	>100 mM	
	EtOH	29.9	>100 mM	

Remarks:

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