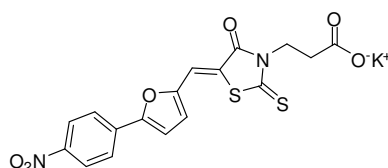




Certificate of Analysis

Axon Catalogue ID: 2668 **Batch Number:** 1
Product Name: KYA1797K
Alternative Name(s): N.A.
IUPAC Name: Potassium (Z)-3-(5-((5-(4-nitrophenyl)furan-2-yl)methylene)-4-oxo-2-thioxothiazolidin-3-yl)propanoate

Structure:



Amount:

CAS number(s): 851304-36-4 (parent), 1956356-56-1 (Potassium salt)
Molecular Formula: C₁₇H₁₁KN₂O₆S₂ **Molecular Weight:** 442.51
Batch Molecular Formula: C₁₇H₁₁KN₂O₆S₂.1H₂O **Batch Molecular Weight:** 460.52
Appearance: Orange solid **Observed mp:** 291 °C (decomp.)
TLC (R_f): 0.3 EtOAc/MeOH/AcOH (9:1:0.1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 44.34, H 2.85, N 6.08; Found: C 44.12, H 2.87, N 5.95
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	6.1	13.2	
	EtOH			Not Tested

Remarks:

QC Date: 29-03-2017

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