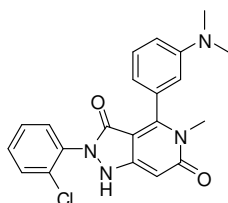




## Certificate of Analysis

**Axon Catalogue ID:** 3006 **Batch Number:** 1  
**Product Name:** Setanaxib  
**Alternative Name(s):** GKT137831; GKT831  
**IUPAC Name:** 2-(2-Chlorophenyl)-4-(3-(dimethylamino)phenyl)-5-methyl-1H-pyrazolo[4,3-c]pyridine-3,6(2H,5H)-dione

**Structure:**



**Amount:**

**CAS number(s):** 1218942-37-0  
**Molecular Formula:** C<sub>21</sub>H<sub>19</sub>CIN<sub>4</sub>O<sub>2</sub> **Molecular Weight:** 394.85  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>19</sub>CIN<sub>4</sub>O<sub>2</sub> **Batch Molecular Weight:** 394.85  
**Appearance:** Yellow solid **Observed mp:** 236 - 238 °C  
**TLC (R<sub>f</sub>):** 0.8 DCM/MeOH (9:1)  
**Chemical Purity:** 99.1%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 63.88, H 4.85, N 14.19; Found: C 63.53, H 4.82, N 14.11  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	25.0	63.3	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 06-09-2019

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**