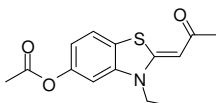




## Certificate of Analysis

**Axon Catalogue ID:** 3540 **Batch Number:** 1  
**Product Name:** ProINDY  
**Alternative Name(s):** TG007  
**IUPAC Name:** (Z)-3-Ethyl-2-(2-oxopropylidene)-2,3-dihydrobenzo[d]thiazol-5-yl acetate

**Structure:**



**Amount:**

**CAS number(s):** 719277-30-2  
**Molecular Formula:** C<sub>14</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub>S **Molecular Weight:** 277.34  
**Batch Molecular Formula:** C<sub>14</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub>S **Batch Molecular Weight:** 277.34  
**Appearance:** Pale-yellow solid **Observed mp:** 156.8 - 159.3 °C  
**TLC (R<sub>f</sub>):** 0.5 EtOAc (100%)  
**Chemical Purity:** 99.9%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 60.63, H 5.45, N 5.05; Found: C 60.66, H 5.40, N 5.00  
**Storage Conditions:** Desiccate at -20 °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)			Not Tested
	DMSO	27.7	>100 mM	
	EtOH	8.5	30.6	

**Remarks:** Suspected to be unstable in solution. It is recommended to prepare fresh solutions for your experiments

**QC Date:** 26-11-2021

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**