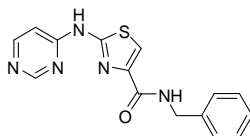




## Certificate of Analysis

**Axon Catalogue ID:** 1535 **Batch Number:** 2  
**Product Name:** Thiazovivin  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N-benzyl-2-(pyrimidin-4-ylamino)thiazole-4-carboxamide

**Structure:**



**Amount:**

**CAS number:** 1226056-71-8  
**Batch Molecular Formula:** C<sub>15</sub>H<sub>13</sub>N<sub>5</sub>O<sub>2</sub> **Batch MW:** 311.36  
**Appearance:** Off-white Solid **Observed m.p.:** 231°C  
**TLC (R<sub>f</sub>):** 0.7 9:1 DCM/MeOH  
**Chemical Purity:** 99.6% **Wavelength for purity check:** 209 nm  
**Optical Purity (ee):**  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Not available

**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			Insoluble
	1eq. NaOH			Insoluble
	1eq. HCl			Not tested
	DMSO	>30	>100	Soluble
	EtOH			Not tested

**Remarks:**

**Quality controller:** M. Brandsma, MSc. **Date:** 4/26/2011

The purity of Axon products 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 Axon Catalogue ID and Batch number.

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