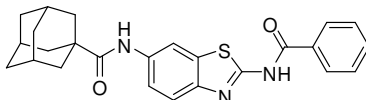




## Certificate of Analysis

**Axon Catalogue ID:** 1600 **Batch Number:** 1  
**Product Name:** NVP 231  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N-(6-(Admantylcarboxamido)benzo[d]thiazol-2-yl)benzamide

**Structure:**



**Amount:**

**CAS number:** 362003-83-6  
**Batch Molecular Formula:** C<sub>25</sub>H<sub>25</sub>N<sub>3</sub>O<sub>2</sub>S **Batch MW:** 431.55  
**Appearance:** Off-white solid **Observed mp:** 246 - 247 °C  
**TLC (R<sub>f</sub>):** 0.65 DCM/MeOH (9:1)  
**Chemical Purity:** 99.6%  
**Optical Purity (ee):**  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 69.58 , H 5.84 , N 9.74 Found: C ND , H ND , N ND  
**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			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO		>100 mM	
	EtOH	6.8	15.8	

**Remarks:**

**QC Date:** 24-11-2010

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**