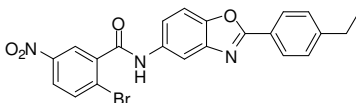




## Certificate of Analysis

**Axon Catalogue ID:** 3904 **Batch Number:** 1  
**Product Name:** BAY-0069  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-Bromo-N-(2-(4-ethylphenyl)benzo[d]oxazol-5-yl)-5-nitrobenzamide

**Structure:**



**Amount:**

**CAS number(s):** 420826-65-9  
**Molecular Formula:** C<sub>22</sub>H<sub>16</sub>BrN<sub>3</sub>O<sub>4</sub> **Molecular Weight:** 466.28  
**Batch Molecular Formula:** C<sub>22</sub>H<sub>16</sub>BrN<sub>3</sub>O<sub>4</sub> **Batch Molecular Weight:** 466.28  
**Appearance:** Beige solid **Observed mp:** 277 °C  
**TLC (R<sub>f</sub>):** 0.52 DCM/MeOH (20:1)  
**Chemical Purity:** 99.6%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 56.67, H 3.46, N 9.01; Found: C 56.32, H 3.42, N 8.85  
**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)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	30.0	64.3	
	EtOH	3.5	7.5	* Warming (40°C)

**Remarks:** \* Warming (40°C) enhanced solubility.

**QC Date:** 24-5-2023

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**