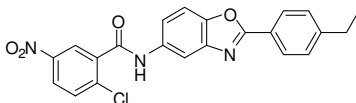




Certificate of Analysis

Axon Catalogue ID: 3809 **Batch Number:** 1
Product Name: BAY-4931
Alternative Name(s): N.A.
IUPAC Name: 2-Chloro-N-(2-(4-ethylphenyl)benzo[d]oxazol-5-yl)-5-nitrobenzamide

Structure:



Amount:

CAS number(s): 423150-91-8
Molecular Formula: C₂₂H₁₆ClN₃O₄ **Molecular Weight:** 421.83
Batch Molecular Formula: C₂₂H₁₆ClN₃O₄ **Batch Molecular Weight:** 421.83
Appearance: Off-white solid **Observed mp:** 258 °C
TLC (R_f): 0.45 DCM/MeOH (20:1)
Chemical Purity: 100%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 62.64, H 3.82, N 9.96; Found: C 62.50, H 3.87, N 9.73
Storage Conditions: Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)	0.0	0.0	Insoluble
0.1N HCl (aq)			Not Tested
DMSO	42.2	>100 mM	
EtOH	3.0	7.1	* Warming (40°C)

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

QC Date: 25-4-2023

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only