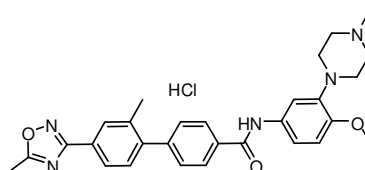




## Certificate of Analysis

**Axon Catalogue ID:** 1813 **Batch Number:** 4  
**Product Name:** GR 127935 hydrochloride  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N-(4-Methoxy-3-(4-methylpiperazin-1-yl)phenyl)-2'-methyl-4'-(5-methyl-1,2,4-oxadiazol-3-yl)biphenyl-4-carboxamide hydrochloride

**Structure:**



**Amount:**

**CAS number(s):** 148672-13-3 (parent), 148642-42-6 (HCl (1:1))  
**Molecular Formula:** C<sub>29</sub>H<sub>31</sub>N<sub>5</sub>O<sub>3</sub>.HCl **Molecular Weight:** 534.05  
**Batch Molecular Formula:** C<sub>29</sub>H<sub>31</sub>N<sub>5</sub>O<sub>3</sub>.HCl.0.75H<sub>2</sub>O **Batch Molecular Weight:** 547.56  
**Appearance:** Off-white solid **Observed mp:** 165 - 167 °C  
**TLC (R<sub>f</sub>):** 0.9 DCM/MeOH (9:1)  
**Chemical Purity:** 98.3%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 63.61, H 6.17, N 12.79; Found: C 63.54, H 6.15, N 12.85  
**Storage Conditions:** Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	54.8	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	54.8	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 15-2-2022

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**