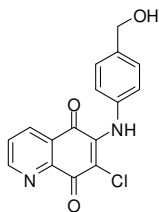


## Certificate of Analysis

<b>Axon Catalogue ID:</b>	3226	<b>Batch Number:</b>	1
<b>Product Name:</b>	RET agonist Q525		
<b>Alternative Name(s):</b>	N.A.		
<b>IUPAC Name:</b>	7-Chloro-6-(4-(hydroxymethyl)phenylamino)quinoline-5,8-dione		
<b>Structure:</b>			<b>Amount:</b> 5 mg
<b>CAS number(s):</b>	2927469-43-8		
<b>Molecular Formula:</b>	C16H11ClN2O3	<b>Molecular Weight:</b>	314.72
<b>Batch Molecular Formula:</b>	C16H11ClN2O3.1H2O	<b>Batch Molecular Weight:</b>	332.74
<b>Appearance:</b>	Red solid	<b>Observed mp:</b>	232 °C (decomp)
<b>TLC (R<sub>f</sub>):</b>	0.6	Acetonitrile (100%)	
<b>Chemical Purity:</b>	98.1%		
<b>Optical Purity (ee):</b>	N.A.		
<b><sup>1</sup>H-NMR:</b>	Analytical data confirm chemical structure		
<b>Mass Spec:</b>	Analytical data confirm chemical structure		
<b>Microanalysis:</b>	Calculated: C 57.75, H 3.94, N 8.42; Found: C 57.60, H 3.50, N 8.61		
<b>Storage Conditions:</b>	Store at +4 °C		
<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>
	Water	0.0	0.0
	0.1N NaOH (aq)		
	0.1N HCl (aq)	0.0	0.0
	DMSO	30.0	90.2
	EtOH		
			Not Tested
<b>Remarks:</b>	Contains 1.9% of the 6-Chloro-7-(4-(hydroxymethyl)phenylamino)-isomer		
<b>QC Date:</b>	7-12-2020		

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**