



## Certificate of Analysis

<b>Axon Catalogue ID:</b>	3742	<b>Batch Number:</b>	1	
<b>Product Name:</b>	Apararenone			
<b>Alternative Name(s):</b>	MT3995			
<b>IUPAC Name:</b>	N-(4-(4-Fluorophenyl)-2,2-dimethyl-3-oxo-3,4-dihydro-2H-benzo[b][1,4]oxazin-7-yl)methanesulfonamide			
<b>Structure:</b>			<b>Amount:</b>	
<b>CAS number(s):</b>	945966-46-1			
<b>Molecular Formula:</b>	C17H17FN2O4S	<b>Molecular Weight:</b>	364.39	
<b>Batch Molecular Formula:</b>	C17H17FN2O4S	<b>Batch Molecular Weight:</b>	364.39	
<b>Appearance:</b>	White solid	<b>Observed mp:</b>	241 - 243 °C	
<b>TLC (R<sub>f</sub>):</b>	0.66	DCM/MeOH (40:1)		
<b>Chemical Purity:</b>	99.7%			
<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 56.03, H 4.70, N 7.69; Found: C 55.82, H 4.69, N 7.62			
<b>Storage Conditions:</b>	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)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	36.4	>100 mM	
	EtOH	0.0	0.0	Insoluble
<b>Remarks:</b>				
<b>QC Date:</b>	21-12-2022			

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**