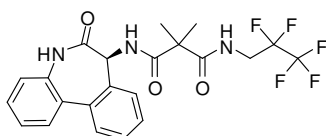




## Certificate of Analysis

**Axon Catalogue ID:** 2521 **Batch Number:** 1  
**Product Name:** RO 4929097  
**Alternative Name(s):** N.A.  
**IUPAC Name:** (S)-2,2-Dimethyl-N1-(6-oxo-6,7-dihydro-5H-dibenzo[b,d]azepin-7-yl)-N3-(2,2,3,3,3-pentafluoropropyl)malonamide

**Structure:**



**Amount:**

**CAS number(s):** 847925-91-1  
**Molecular Formula:** C<sub>22</sub>H<sub>20</sub>F<sub>5</sub>N<sub>3</sub>O<sub>3</sub> **Molecular Weight:** 469.40  
**Batch Molecular Formula:** C<sub>22</sub>H<sub>20</sub>F<sub>5</sub>N<sub>3</sub>O<sub>3</sub> **Batch Molecular Weight:** 469.40  
**Appearance:** White solid **Observed mp:** 183.7 - 185.8 °C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (20:1)  
**Chemical Purity:** 98.7%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 56.29, H 4.29, N 8.95; Found: C 56.35, H 4.34, N 8.87  
**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			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	30.0	63.9	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 14-01-2021

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**