



## Certificate of Analysis

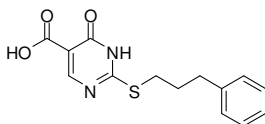
**Axon Catalogue ID:** 3599 **Batch Number:** 1

**Product Name:** MINA53 inhibitor compound 10

**Alternative Name(s):** N.A.

**IUPAC Name:** 6-Oxo-2-(3-phenylpropylthio)-1,6-dihydropyrimidine-5-carboxylic acid

**Structure:**



**Amount:**

**CAS number(s):** N.A.

**Molecular Formula:** C<sub>14</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub>S

**Molecular Weight:** 290.34

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**Batch Molecular Weight:** 290.34

**Appearance:** White solid

**Observed mp:** 172.9 - 176.6 °C

**TLC (R<sub>f</sub>):** 0.2 DCM/MeOH (4:1)

**Chemical Purity:** 99.0%

**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure

**Mass Spec:** Analytical data confirm chemical structure

**Microanalysis:** Calculated: C 57.92, H 4.86, N 9.65; Found: C 58.13, H 4.74, N 9.60

**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	0.0	0.0	Insoluble
	0.1N NaOH (aq)	3.3	11.4	
	0.1N HCl (aq)			Not Tested
	DMSO	6.6	22.7	
	EtOH	0.0	0.1	Insoluble

**Remarks:**

**QC Date:** 5-8-2022

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**