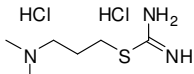




## Certificate of Analysis

**Axon Catalogue ID:** 1324 **Batch Number:** 1  
**Product Name:** Dimaprit dihydrochloride  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 3-(Dimethylamino)propyl carbamimidothioate dihydrochloride

**Structure:**  **Amount:**

**CAS number(s):** 65119-89-3 (parent), 23256-33-9 (HCl (1:2))  
**Molecular Formula:** C<sub>6</sub>H<sub>15</sub>N<sub>3</sub>S.2HCl **Molecular Weight:** 234.19  
**Batch Molecular Formula:** C<sub>6</sub>H<sub>15</sub>N<sub>3</sub>S.2HCl **Batch Molecular Weight:** 234.19  
**Appearance:** White solid **Observed mp:** 161.0 - 162.3 °C  
**TLC (R<sub>f</sub>):** 0.2 DCM/MeOH/NH<sub>3</sub> (4:1:0.01)  
**Chemical Purity:** 100%  
**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 30.77, H 7.32, N 17.94; Found: C 30.61, H 7.25, N 18.13  
**Storage Conditions:** Desiccate 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			Not Tested
	EtOH			Not Tested

**Remarks:**

**QC Date:** 09-11-2020

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**