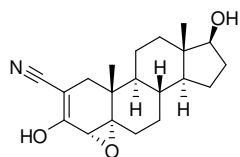


## Certificate of Analysis

<b>Axon Catalogue ID:</b>	3317	<b>Batch Number:</b>	1
<b>Product Name:</b>	Trilostane		
<b>Alternative Name(s):</b>	WIN 24540		
<b>IUPAC Name:</b>	(1S,2R,6R,8S,11S,12S,15S,16S)-5,15-Dihydroxy-2,16-dimethyl-7-oxapentacyclo[9.7.0.0.2,8.0.6,8.0]12,16]octadec-4-ene-4-carbonitrile		
<b>Structure:</b>			<b>Amount:</b>
<b>CAS number(s):</b>	13647-35-3		
<b>Molecular Formula:</b>	C <sub>20</sub> H <sub>27</sub> NO <sub>3</sub>	<b>Molecular Weight:</b>	329.43
<b>Batch Molecular Formula:</b>	C <sub>20</sub> H <sub>27</sub> NO <sub>3</sub> ·0.1H <sub>2</sub> O	<b>Batch Molecular Weight:</b>	331.23
<b>Appearance:</b>	Pale-yellow solid	<b>Observed mp:</b>	276.1 - 281.9 °C
<b>TLC (R<sub>f</sub>):</b>	0.6	DCM/MeOH (9:1)	
<b>Chemical Purity:</b>	99.5%		
<b>Optical Purity (ee):</b>	Optically pure		
<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 72.52, H 8.28, N 4.23; Found: C 72.48, H 8.48, N 4.26		
<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	32.0	96.6
	EtOH		Not Tested
<b>Remarks:</b>			
<b>QC Date:</b>	04-06-2021		

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**