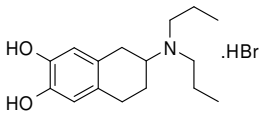




## Certificate of Analysis

<b>Axon Catalogue ID</b>	1005	<b>Batch Number:</b>	1																								
<b>Product Name:</b>	TL 232 hydrobromide																										
<b>IUPAC Name:</b>	6-Dipropylamino-5,6,7,8-tetrahydro-naphthalene-2,3-diol hydrobromide																										
<b>Structure:</b>		<b>Amount:</b>																									
<b>CAS number:</b>	62421-17-4	<b>Batch MW:</b>	344.29																								
<b>Batch Molecular Formula:</b>	C <sub>16</sub> H <sub>25</sub> NO <sub>2</sub> .HBr	<b>Observed m.p.:</b>	236 - 237 °C																								
<b>Appearance:</b>	Grey Solid	<b>Wavelength for purity check:</b>	201 nm																								
<b>TLC (R<sub>f</sub>):</b>	0.3 DCM/MeOH (9:1)	<b>Solvent:</b>	D <sub>2</sub> O																								
<b>Chemical Purity:</b>	99%	<b>Ion:</b>	264 m/z																								
<b>Optical Purity (ee):</b>		<b>Method:</b>	ESI:M+1																								
<b><sup>1</sup>H-NMR (300 MHz):</b>	Analytical data confirm chemical structure	<b>Microanalysis:</b>	Not available																								
<b>Mass Spec:</b>	Analytical data confirm chemical structure (fragment)	<b>Storage Conditions:</b>	For long term storage we advise to keep below +4 °C																								
<b>Solubility Data:</b>	<table><thead><tr><th>Solvent</th><th>Solubility (mg/ml)</th><th>Solubility (mM)</th><th>Remarks</th></tr></thead><tbody><tr><td>Water</td><td>10.00</td><td>29.05</td><td></td></tr><tr><td>1eq. NaOH</td><td></td><td></td><td></td></tr><tr><td>1eq. HCl</td><td></td><td></td><td></td></tr><tr><td>DMSO</td><td></td><td></td><td></td></tr><tr><td>EtOH</td><td></td><td></td><td></td></tr></tbody></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water	10.00	29.05		1eq. NaOH				1eq. HCl				DMSO				EtOH				<b>Remarks:</b>	
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<b>Quality controller:</b>	Erik S. Vermeulen, PhD	<b>Date:</b>	22-07-2008																								

The purity of Axon products 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 Axon Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**