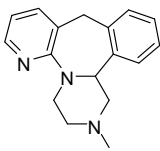




## Certificate of Analysis

<b>Axon Catalogue ID:</b>	1138	<b>Batch Number:</b>	1	
<b>Product Name:</b>	Mirtazepine			
<b>Alternative Name(s):</b>	6-Azamianserin, Org 3770			
<b>IUPAC Name:</b>	2-Methyl-1,2,3,4,10,14b-hexahydrobenzo[c]pyrazino[1,2-a]pyrido[3,2-f]azepine			
<b>Structure:</b>		<b>Amount:</b>		
<b>CAS number:</b>	85650-52-8			
<b>Batch Molecular Formula:</b>	C17H19N3	<b>Batch MW:</b>	265.35	
<b>Appearance:</b>	White Solid	<b>Observed m.p.:</b>	117-120°C	
<b>TLC (R<sub>f</sub>):</b>	0.8	9:1 DCM/Methanol		
<b>Chemical Purity:</b>	99.9%	<b>Wavelength for purity check:</b>	292 nm	
<b>Optical Purity (ee):</b>				
<b><sup>1</sup>H-NMR (300 MHz):</b>	Analytical data confirm chemical structure			
<b>Mass Spec:</b>	Analytical data confirm chemical structure			
<b>Microanalysis:</b>	Not available			
<b>Storage Conditions:</b>	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.
	1eq. NaOH			Not tested.
	1eq. HCl			Not tested.
	DMSO		~100 mM	Very Soluble
	EtOH			Not tested.
<b>Remarks:</b>				
<b>Quality controller:</b>	M. Brandsma, MSc.	<b>Date:</b>	12-10-2011	

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**