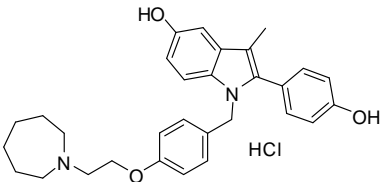




Certificate of Analysis

Axon Catalogue ID:	1748	Batch Number:	1																								
Product Name:	Bazedoxifene hydrochloride																										
Alternative Name(s):	TSE 424 hydrochloride - WAY 140424 hydrochloride																										
IUPAC Name:	1-(4-(2-(azepan-1-yl)ethoxy)benzyl)-2-(4-hydroxyphenyl)-3-methyl-1H-indol-5-ol hydrochloride																										
Structure:		Amount:																									
CAS number:	198480-56-7	Batch MW:	507.06																								
Batch Molecular Formula:	C30H34N2O3.HCl	Observed m.p.:	168 - 170 °C																								
Appearance:	Brown solid	Wavelength for purity check:	224 nm																								
TLC (R_f):	0.7 DCM/MeOH (9:1) + drop NH ₃																										
Chemical Purity:	98.6%																										
Optical Purity (ee):																											
¹H-NMR (300 MHz):	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Not available																										
Storage Conditions:	Store at	<4°C																									
Solubility Data:	<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></td><td></td><td>Insoluble</td></tr><tr><td>1eq. NaOH</td><td></td><td></td><td>Not tested</td></tr><tr><td>1eq. HCl</td><td></td><td></td><td>Not tested</td></tr><tr><td>DMSO</td><td>33.60</td><td>66.26</td><td>Soluble</td></tr><tr><td>EtOH</td><td></td><td></td><td>Not tested</td></tr></tbody></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water			Insoluble	1eq. NaOH			Not tested	1eq. HCl			Not tested	DMSO	33.60	66.26	Soluble	EtOH			Not tested		
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Quality controller:	M. Brandsma, MSc.	Date:	15-11-2011																								

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 indicating Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only