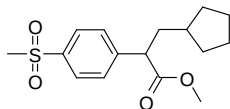




Certificate of Analysis

Axon Catalogue ID	1135	Batch Number:	1																		
Product Name:	Building Block for Axon 1134																				
IUPAC Name:	3-Cyclopentyl-2-(4-methanesulfonyl-phenyl)-propionic acid methyl ester																				
Structure:		Amount:																			
CAS number:	300355-19-5	Batch MW:	310.42																		
Batch Molecular Formula:	C16H22O4S	Observed m.p.:	85-86 °C																		
Appearance:	Off-white Solid	Wavelength for purity check:	197 nm																		
TLC (Rf):	0.2 Dichloromethane																				
Chemical Purity:	97%																				
Optical Purity (ee):																					
1H-NMR (300 MHz):	Analytical data confirm chemical structure	Solvent:	CDCl3																		
Mass Spec:	Analytical data confirm chemical structure	Ion:	311 m/z																		
		Method:	ESI:M+1																		
Microanalysis:	Not available																				
Storage Conditions:	Desiccate at +4°C																				
Solubility Data:	<table><tr><th>Solvent</th><th>Solubility (mg/ml)</th><th>Solubility (mM)</th></tr><tr><td>Water</td><td></td><td></td></tr><tr><td>1eq. NaOH</td><td></td><td></td></tr><tr><td>1eq. HCl</td><td></td><td></td></tr><tr><td>DMSO</td><td>17.20</td><td>55.41</td></tr><tr><td>EtOH</td><td></td><td></td></tr></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Water			1eq. NaOH			1eq. HCl			DMSO	17.20	55.41	EtOH			Remarks	Insoluble
Solvent	Solubility (mg/ml)	Solubility (mM)																			
Water																					
1eq. NaOH																					
1eq. HCl																					
DMSO	17.20	55.41																			
EtOH																					
Remarks:																					
Quality controller:	M. Brandsma, MSc.	Date:	24-11-2009																		

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

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