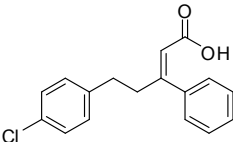




Certificate of Analysis

Axon Catalogue ID:	1659	Batch Number:	1																								
Product Name:	PS48																										
Alternative Name(s):	N.A.																										
IUPAC Name:	(Z)-5-(4-chlorophenyl)-3-phenylpent-2-enoic acid																										
Structure:		Amount:																									
CAS number:	1180676-32-7																										
Batch Molecular Formula:	C17H15ClO2	Batch MW:	286.75																								
Appearance:	White solid	Observed m.p.:	144 - 145 °C																								
TLC (R_f):	0.85 EtOAc																										
Chemical Purity:	99.9%	Wavelength for purity check:	221 nm																								
Optical Purity (ee):																											
¹H-NMR (300 MHz):	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Not available																										
Storage Conditions:	Desiccate 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></td><td>>100mM</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		>100mM	soluble	EtOH			Not tested		
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Remarks:																											
Quality controller:	M. Brandsma, MSc.	Date:	29-4-2011																								

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