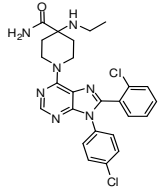




Certificate of Analysis

Axon Catalogue ID:	2015	Batch Number:	1																								
Product Name:	CP 945598																										
Alternative Name(s):	Otenabant																										
IUPAC Name:	1-(8-(2-chlorophenyl)-9-(4-chlorophenyl)-9H-purin-6-yl)-4-(ethylamino)piperidine-4-carboxamide																										
Structure:		Amount:																									
CAS number:	686344-29-6	MW:	510.42																								
Batch Molecular Formula:	C ₂₅ H ₂₅ Cl ₂ N ₇ O.1H ₂ O	Batch MW:	528.43																								
Appearance:	White solid	Observed mp:	120 - 128 °C																								
TLC (R_f):	0.36 DCM/MeOH (9:1)																										
Chemical Purity:	98.3%																										
Optical Purity (ee):																											
¹H-NMR (300 MHz):	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	C, H, and N fit within 0,4% of theoretical calculation																										
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>Not Tested</td></tr><tr><td>0.1N NaOH (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>0.1N HCl (aq)</td><td>11.0</td><td>20.8</td><td>Requires warming (40°C) and sonication</td></tr><tr><td>DMSO</td><td>52.0</td><td>98.4</td><td></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			Not Tested	0.1N NaOH (aq)			Not Tested	0.1N HCl (aq)	11.0	20.8	Requires warming (40°C) and sonication	DMSO	52.0	98.4		EtOH			Not Tested		
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QC Date:	21-02-2013																										

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