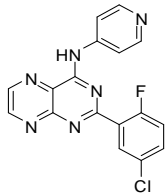




## Certificate of Analysis

<b>Axon Catalogue ID:</b>	1387	<b>Batch Number:</b>	3																								
<b>Product Name:</b>	SD 208																										
<b>Alternative Name(s):</b>	N.A.																										
<b>IUPAC Name:</b>	[2-(5-Chloro-2-fluoro-phenyl)-pteridin-4-yl]-pyridin-4-yl-amine																										
<b>Structure:</b>		<b>Amount:</b>																									
<b>CAS number:</b>	627536-09-8																										
<b>Batch Molecular Formula:</b>	C <sub>17</sub> H <sub>10</sub> ClF <sub>2</sub> N <sub>6</sub> · 0.5H <sub>2</sub> O	<b>Batch MW:</b>	361.77																								
<b>Appearance:</b>	Pale Brownish Solid	<b>Observed m.p.:</b>	258°C																								
<b>TLC (R<sub>f</sub>):</b>	0.7      9:1 DCM:Methanol																										
<b>Chemical Purity:</b>	99.4%	<b>Wavelength for purity check:</b>	257 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>	C, H, and N fit within 0.4% of theoretical calculation																										
<b>Storage Conditions:</b>	Desiccate at	-20°C																									
<b>Solubility Data:</b>	<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></td><td></td><td>Not Tested</td></tr><tr><td>DMSO</td><td>8</td><td>22</td><td>Soluble **</td></tr><tr><td>EtOH</td><td>2</td><td>6</td><td>Soluble ***</td></tr></tbody></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water			Not Tested	0.1N NaOH (aq)			Not Tested	0.1N HCl (aq)			Not Tested	DMSO	8	22	Soluble **	EtOH	2	6	Soluble ***		
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<b>Remarks:</b>	* Compound oxidizes easily when exposed to air (especially in solution); Need avoid light and air. ** Gentle warming ( ~40°C) and/or sonication are helpful. *** Gentle heating and/or sonication are required.																										
<b>QC date:</b>	30-10-2012																										

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**