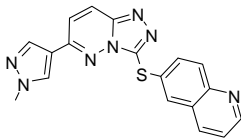




## Certificate of Analysis

<b>Axon Catalogue ID:</b>	1914	<b>Batch Number:</b>	1	
<b>Product Name:</b>	SGX 523			
<b>Alternative Name(s):</b>	N.A.			
<b>IUPAC Name:</b>	6-(6-(1-methyl-1H-pyrazol-4-yl)-[1,2,4]triazolo[4,3-b]pyridazin-3-ylthio)quinoline			
<b>Structure:</b>		<b>Amount:</b>		
<b>CAS number:</b>	1022150-57-7			
<b>Batch Molecular Formula:</b>	C <sub>18</sub> H <sub>13</sub> N <sub>7</sub> S	<b>Batch MW:</b>	359.41	
<b>Appearance:</b>	Beige solid	<b>Observed m.p.:</b>	213 - 215 °C	
<b>TLC (R<sub>f</sub>):</b>	0.55 DCM/MeOH [9:1]			
<b>Chemical Purity:</b>	99.3%	<b>Wavelength for purity check:</b>	324 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>	Store at	<4°C		
<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water			Not Tested
	1eq. NaOH			Not Tested
	1eq. HCl	0.1	0.28	Insoluble
	DMSO	8.3	23.09	dissolves slowly, sonication facilitated solubility
	EtOH			Not Tested
<b>Remarks:</b>				
<b>Quality controller:</b>	Erik S. Vermeulen, PhD	<b>Date:</b>	9/10/2012	

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**