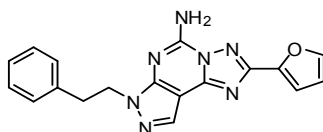


## Certificate of Analysis

**Axon Catalogue ID:** 1253 **Batch Number:** 2  
**Product Name:** SCH 58261  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-(Furan-2-yl)-7-phenethyl-7H-pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5-amine

**Structure:**



**Amount:** 200 mg

**CAS number:** 160098-96-4  
**Batch Molecular Formula:** C<sub>18</sub>H<sub>15</sub>N<sub>7</sub>O **Batch MW:** 345.37  
**Appearance:** White solid **Observed mp:** 223.6 - 224.4 °C  
**TLC (R<sub>f</sub>):** 0.75 DCM/MeOH (9:1)  
**Chemical Purity:** 99.3%  
**Optical Purity (ee):**  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 62.60 , H 4.38 , N 28.38 Found: C 62.28 , H 4.24 , N 28.53  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	34.5	>100 mM	
	EtOH	1.0	2.9	Insoluble

**Remarks:** Heating facilitates solubility in EtOH. Upon cooling the material crashes out of the solution.

**QC Date:** 29-4-2014

The purity of Axon Ligands 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 Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**