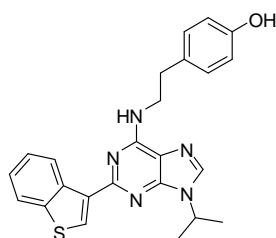




## Certificate of Analysis

**Axon Catalogue ID:** 1865 **Batch Number:** 1  
**Product Name:** StemRegenin 1  
**Alternative Name(s):** SR1  
**IUPAC Name:** 4-(2-(2-(Benzo[b]thiophen-3-yl)-9-isopropyl-9H-purin-6-ylamino)ethyl)phenol

**Structure:**



**Amount:**

**CAS number:** 1227633-49-9  
**Batch Molecular Formula:** C<sub>24</sub>H<sub>23</sub>N<sub>5</sub>O<sub>5</sub> **Batch MW:** 429.54  
**Appearance:** White solid **Observed mp:** 177.0 - 179.5 °C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (9:1)  
**Chemical Purity:** 99.3%  
**Optical Purity (ee):**  
**1H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 67.11 , H 5.40 , N 16.30 Found: C ND , H ND , N ND  
**Storage Conditions:** Store at +4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	43.0	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 20-6-2012

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**