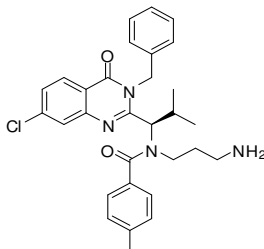




## Certificate of Analysis

**Axon Catalogue ID:** 2446 **Batch Number:** 1  
**Product Name:** Ispinesib  
**Alternative Name(s):** SB 715992  
**IUPAC Name:** (R)-N-(3-Aminopropyl)-N-(1-(3-benzyl-7-chloro-4-oxo-3,4-dihydroquinazolin-2-yl)-2-methylpropyl)-4-methylbenzamide

**Structure:**



**Amount:**

**CAS number:** 336113-53-2  
**Batch Molecular Formula:** C30H33ClN4O2 · 0.25H2O **Batch MW:** 521.56  
**Appearance:** Off-white solid **Observed mp:** 90 - 92 °C  
**TLC (R<sub>f</sub>):** 0.6 DCM/MeOH (9:1)  
**Chemical Purity:** 99.9%  
**Optical Purity (ee):** 100%  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 69.08 , H 6.47 , N 10.74 Found: C 69.17 , H 6.37 , N 10.83  
**Storage Conditions:** Store at -20 °C

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	52.2	>100 mM	
EtOH	52.2	>100 mM	

**Remarks:**

**QC Date:** 08-07-2015

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**