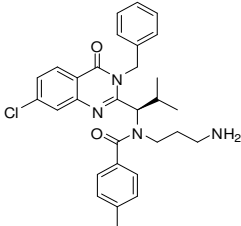




Certificate of Analysis

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(s):	336113-53-2		
Molecular Formula:	C30H33ClN4O2	Molecular Weight:	517.06
Batch Molecular Formula:	C30H33ClN4O2.0.25H2O	Batch Molecular Weight:	521.57
Appearance:	Off-white solid	Observed mp:	90 - 92 °C
TLC (R_f):	0.6	DCM/MeOH (9:1)	
Chemical Purity:	99.7%		
Optical Purity (ee):	100%		
Optical Rotation (Det.):	[α] _D = +328.0° with c = 1 in CHCl ₃		
¹H-NMR:	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		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	0.0	0.0
	0.1N NaOH (aq)		
	0.1N HCl (aq)		
	DMSO	52.2	>100 mM
	EtOH	52.2	>100 mM
Remarks:			
QC Date:	15-7-2020		

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only