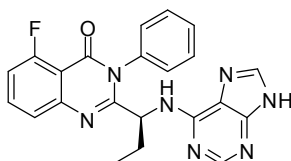


Certificate of Analysis

Axon Catalogue ID: 2170 **Batch Number:** 1
Product Name: CAL 101
Alternative Name(s): N.A.
IUPAC Name: (S)-2-(1-(9H-purin-6-ylamino)propyl)-5-fluoro-3-phenylquinazolin-4(3H)-one

Structure:



Amount: 5 mg

CAS number: 870281-82-6
Batch Molecular Formula: C₂₂H₁₈N₇O **Batch MW:** 415.42
Appearance: Off-white solid **Observed mp:** 250 °C
TLC (R_f): 0.57 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 63.61 , H 4.37 , N 23.60 Found: C 63.33 , H 4.41 , N 23.73
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	41.5	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 17-10-2013

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