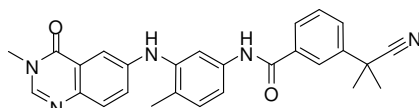




Certificate of Analysis

Axon Catalogue ID: 1545 **Batch Number:** 1
Product Name: AZ 628
Alternative Name(s): N.A.
IUPAC Name: 3-(2-Cyanopropan-2-yl)-N-(4-methyl-3-(3-methyl-4-oxo-3,4-dihydroquinazolin-6-ylamino)phenyl)benzamide

Structure:



Amount:

CAS number(s): 878739-06-1
Molecular Formula: C₂₇H₂₅N₅O₂ **Molecular Weight:** 451.52
Batch Molecular Formula: C₂₇H₂₅N₅O₂ **Batch Molecular Weight:** 451.52
Appearance: Off-white solid **Observed mp:** 250 - 251 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 71.82, H 5.58, N 15.51; Found: C ND, H ND, N ND
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)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO			0
	EtOH			Not Tested

Remarks:

QC Date: 08-07-2010

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