



Certificate of Analysis

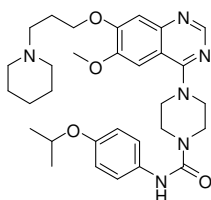
Axon Catalogue ID: 1415 **Batch Number:** 1

Product Name: CT 53518

Alternative Name(s): MLN518; Tandutinib

IUPAC Name: N-(4-Isopropoxyphenyl)-4-(6-methoxy-7-(3-(piperidin-1-yl)propoxy)quinazolin-4-yl)piperazine-1-carboxamide

Structure:



Amount:

CAS number(s): 387867-13-2

Molecular Formula: C₃₁H₄₂N₆O₄ **Molecular Weight:** 562.70

Batch Molecular Formula: C₃₁H₄₂N₆O₄ **Batch Molecular Weight:** 562.70

Appearance: White solid **Observed mp:** ND

TLC (R_f): 0.35 DCM/MeOH (9:1)

Chemical Purity: 99.0%

Optical Purity (ee): N.A.

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 66.17, H 7.52, N 14.94; 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	56.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 18-12-2008

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