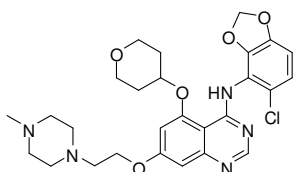




Certificate of Analysis

Axon Catalogue ID: 3284 **Batch Number:** 2
Product Name: Saracatinib
Alternative Name(s): AZD0530
IUPAC Name: N-(5-Chlorobenzo[d][1,3]dioxol-4-yl)-7-(((4-methylpiperazin-1-yl)methoxy)methyl)-5-(tetrahydro-2H-pyran-4-yloxy)quinazolin-4-amine

Structure:



Amount:

CAS number(s): 379231-04-6
Molecular Formula: C₂₇H₃₂ClN₅O₅ **Molecular Weight:** 542.03
Batch Molecular Formula: C₂₇H₃₂ClN₅O₅.2.5H₂O **Batch Molecular Weight:** 587.06
Appearance: White solid **Observed mp:** 89 - 98 °C
TLC (R_f): 0.5 DCM/MeOH (4:1)
Chemical Purity: 99.0%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.24, H 6.35, N 11.93; Found: C 55.34, H 6.33, N 11.94
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)	29.0	49.4	
	DMSO	58.7	>100 mM	
	EtOH	34.0	57.9	

Remarks:

QC Date: 17-11-2021

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