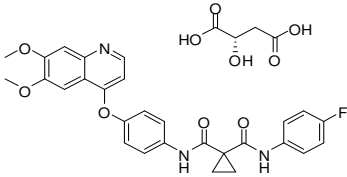




Certificate of Analysis

Axon Catalogue ID:	1819	Batch Number:	1	
Product Name:	Cabozantinib (S)-malate			
Alternative Name(s):	XL 184			
IUPAC Name:	N-(4-(6,7-dimethoxyquinolin-4-yloxy)phenyl)-N-(4-fluorophenyl)cyclopropane-1,1-dicarboxamide (S)-malate			
Structure:		Amount:	10 mg	
CAS number:	1140909-48-3	849217-68-1 (parent)		
Batch Molecular Formula:	C ₂₈ H ₂₄ FN ₃ O ₅ .C ₄ H ₆ O ₅ .½H ₂ O		Batch MW: 640.09	
Appearance:	Off-white solid	Observed m.p.:	178.5 - 180.5 °C	
TLC (R_f):	0.7	9:1 DCM/Methanol		
Chemical Purity:	99.4%	Wavelength for purity check:	242 nm	
Optical Purity (ee):				
¹H-NMR (300 MHz):	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	C, H, and N fit within 0,4% of theoretical calculation			
Storage Conditions:	Desiccate at	<4°C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Insoluble
	1eq. NaOH			Insoluble
	1eq. HCl			Insoluble
	DMSO	48	74	Soluble
	EtOH			Not tested
Remarks:				
Quality controller:	M. Brandsma, MSc.	Date:	22-03-2012	

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only