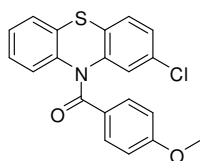




Certificate of Analysis

Axon Catalogue ID: 3400 **Batch Number:** 1
Product Name: Tubulin inhibitor 6
Alternative Name(s): iHAP1
IUPAC Name: (2-Chloro-10H-phenothiazin-10-yl)(4-methoxyphenyl)methanone

Structure:



Amount:

CAS number(s): 105925-39-1
Molecular Formula: C₂₀H₁₄ClNO₂S **Molecular Weight:** 367.85
Batch Molecular Formula: C₂₀H₁₄ClNO₂S **Batch Molecular Weight:** 367.85
Appearance: White solid **Observed mp:** 158.4 - 159.2 °C
TLC (R_f): 0.51 DCM/MeOH (20:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.30, H 3.84, N 3.81; Found: C 65.38, H 3.85, N 3.58
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	17.1	46.4	
	EtOH			Not Tested

Remarks:

QC Date: 22-04-2021

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