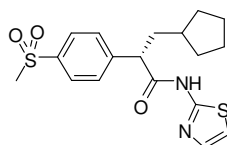




Certificate of Analysis

Axon Catalogue ID: 1355 **Batch Number:** 1
Product Name: Ro 28-1674
Alternative Name(s): (S)-RO 28-0450
IUPAC Name: (S)-3-Cyclopentyl-2-(4-(methylsulfonyl)phenyl)-N-(thiazol-2-yl)propanamide

Structure:



Amount:

CAS number(s): 599164-57-5
Molecular Formula: C₁₈H₂₂N₂O₃S₂ **Molecular Weight:** 378.51
Batch Molecular Formula: C₁₈H₂₂N₂O₃S₂ **Batch Molecular Weight:** 378.51
Appearance: Off-white solid **Observed mp:** 99 - 101 °C
TLC (R_f): 0.3 Hex/EtOAc (1:1)
Chemical Purity: 99.7%
Optical Purity (ee): >99%
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.12, H 5.86, N 7.40; 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			Not Tested
	EtOH			Not Tested

Remarks: The sample is best soluble in DMSO, solubility >10 mg/mL.

QC Date: 07-02-2020

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