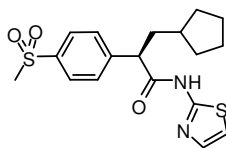




Certificate of Analysis

Axon Catalogue ID: 1356 **Batch Number:** 3
Product Name: RO 28-1675
Alternative Name(s): (R)-Ro 28-0450
IUPAC Name: (R)-(-)-3-Cyclopentyl-2-(4-methanesulfonyl-phenyl)-N-thiazol-2-yl-propionamide

Structure:



Amount:

CAS number: 300353-13-3
Batch Molecular Formula: C₁₈H₂₂N₂O₃S₂ **Batch MW:** 378.51
Appearance: White solid **Observed mp:** 126.5 - 128.1 °C
TLC (R_f): 0.3 EtOAc/Hex (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	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	10.0	26.4	
	EtOH			Not Tested

Remarks:

QC Date: 01-02-2010

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