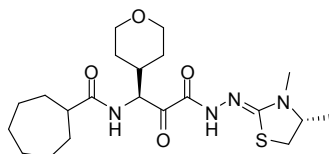


Certificate of Analysis

Axon Catalogue ID: 2156 **Batch Number:** 1
Product Name: ONO 5334
Alternative Name(s): N.A.
IUPAC Name: N-((S)-3-((Z)-2-((R)-3,4-dimethylthiazolidin-2-ylidene)hydrazinyl)-2,3-dioxo-1-(tetrahydro-2H pyran-4-yl)propyl)cycloheptanecarboxamide

Structure:



Amount:

CAS number: 868273-90-9
Batch Molecular Formula: C₂₁H₃₄N₄O₄S **Batch MW:** 438.58
Appearance: Off-white solid **Observed mp:** 175 - 177 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 98.6%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.51 , H 7.81 , N 12.77 Found: C 57.26 , H 8.01 , N 12.67
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	27.0	61.6	
	EtOH			Not Tested

Remarks:

QC Date: 18-2-2014

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