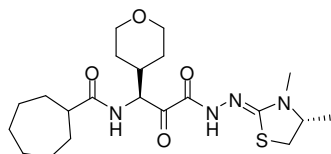




Certificate of Analysis

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(s): 868273-90-9
Molecular Formula: C₂₁H₃₄N₄O₄S **Molecular Weight:** 438.58
Batch Molecular Formula: C₂₁H₃₄N₄O₄S **Batch Molecular Weight:** 438.58
Appearance: Off-white solid **Observed mp:** 175 - 177 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 98.4%
Optical Purity (ee): N.A.
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: 17-04-2020

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