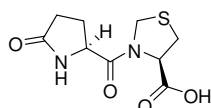




Certificate of Analysis

Axon Catalogue ID: 3307 **Batch Number:** 1
Product Name: Pidotimod
Alternative Name(s): N.A.
IUPAC Name: (R)-3-((S)-5-Oxopyrrolidine-2-carbonyl)thiazolidine-4-carboxylic acid

Structure:



Amount:

CAS number(s): 121808-62-6
Molecular Formula: C₉H₁₂N₂O₄S **Molecular Weight:** 244.27
Batch Molecular Formula: C₉H₁₂N₂O₄S **Batch Molecular Weight:** 244.27
Appearance: White solid **Observed mp:** 193 °C (decomp)
TLC (R_f): 0.48 DCM/MeOH (1:1)
Chemical Purity: 99.4%
Optical Purity (ee): Optically pure
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 44.25, H 4.95, N 11.47; Found: C 44.06, H 4.99, N 11.12
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	14.0	57.3	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	24.4	>100 mM	
	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