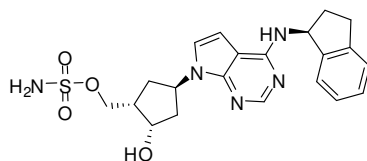




## Certificate of Analysis

**Axon Catalogue ID:** 2038 **Batch Number:** 2  
**Product Name:** MLN 4924  
**Alternative Name(s):** Pevonedistat  
**IUPAC Name:** ((1S,2S,4R)-4-(4-((S)-2,3-Dihydro-1H-inden-1-ylamino)-7H-pyrrolo[2,3-d]pyrimidin-7-yl)-2-hydroxycyclopentyl)methyl sulfamate

**Structure:**



**Amount:**

**CAS number(s):** 905579-51-3  
**Molecular Formula:** C<sub>21</sub>H<sub>25</sub>N<sub>5</sub>O<sub>4</sub>S **Molecular Weight:** 443.52  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>25</sub>N<sub>5</sub>O<sub>4</sub>S.1H<sub>2</sub>O **Batch Molecular Weight:** 461.54  
**Appearance:** White solid **Observed mp:** 157.0 - 158.5 °C  
**TLC (R<sub>f</sub>):** 0.55 DCM/MeOH (9:1)  
**Chemical Purity:** 99.5%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 54.65, H 5.90, N 15.17; Found: C 54.75, H 5.96, N 15.46  
**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	32.0	69.3	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 26-04-2019

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**