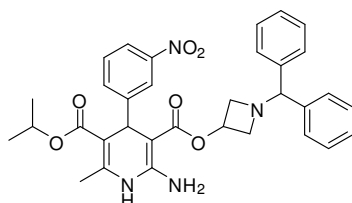




## Certificate of Analysis

**Axon Catalogue ID:** 3160 **Batch Number:** 1  
**Product Name:** Azelnidipine  
**Alternative Name(s):** CS-905  
**IUPAC Name:** 3-(1-Benzhydrylazetididin-3-yl) 5-isopropyl 2-amino-6-methyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylate

**Structure:**



**Amount:**

**CAS number(s):** 123524-52-7  
**Molecular Formula:** C<sub>33</sub>H<sub>34</sub>N<sub>4</sub>O<sub>6</sub> **Molecular Weight:** 582.65  
**Batch Molecular Formula:** C<sub>33</sub>H<sub>34</sub>N<sub>4</sub>O<sub>6</sub> **Batch Molecular Weight:** 582.65  
**Appearance:** Yellow solid **Observed mp:** 116.5 - 118.7 °C  
**TLC (R<sub>f</sub>):** 0.5 PE/EtOAc (1:1)  
**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 68.03, H 5.88, N 9.62; Found: C 67.77, H 5.75, N 9.63

**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	48.0	82.4	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 22-07-2020

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

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