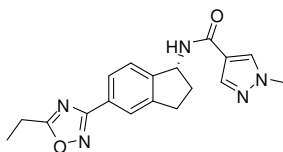


## Certificate of Analysis

**Axon Catalogue ID:** 4000 **Batch Number:** 1  
**Product Name:** Aficamten  
**Alternative Name(s):** CK274; CK3773274  
**IUPAC Name:** (R)-N-(5-(5-Ethyl-1,2,4-oxadiazol-3-yl)-2,3-dihydro-1H-inden-1-yl)-1-methyl-1H-pyrazole-4-carboxamide

**Structure:**



**Amount:**

**CAS number(s):** 2364554-48-1  
**Molecular Formula:** C<sub>18</sub>H<sub>19</sub>N<sub>5</sub>O<sub>2</sub> **Molecular Weight:** 337.38  
**Batch Molecular Formula:** C<sub>18</sub>H<sub>19</sub>N<sub>5</sub>O<sub>2</sub> **Batch Molecular Weight:** 337.38  
**Appearance:** White solid **Observed mp:** 199 - 200 °C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (20:1)  
**Chemical Purity:** 99.9%  
**Optical Purity (ee):** 100%  
**Optical Rotation (Det.):** [α]<sub>D</sub> = +91.7° with c = 0.5 in MeOH  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 64.08, H 5.68, N 20.76; Found: C 63.98, H 5.80, N 20.64  
**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) | 0.0                | 0.0             | Insoluble  |
|                  | 0.1N HCl (aq)  |                    |                 | Not Tested |
|                  | DMSO           | 33.7               | >100 mM         |            |
|                  | EtOH           | 8.0                | 23.7            |            |

**Remarks:**

**QC Date:** 13-9-2023

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**