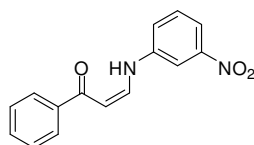




## Certificate of Analysis

**Axon Catalogue ID:** 3018 **Batch Number:** 1  
**Product Name:** DJ001  
**Alternative Name(s):** UCLA 5483071  
**IUPAC Name:** (Z)-3-(3-Nitrophenylamino)-1-phenylprop-2-en-1-one

**Structure:**



**Amount:**

**CAS number(s):** 2161305-12-8  
**Molecular Formula:** C<sub>15</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub> **Molecular Weight:** 268.27  
**Batch Molecular Formula:** C<sub>15</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub> **Batch Molecular Weight:** 268.27  
**Appearance:** Yellow solid **Observed mp:** 142.8 - 145.0 °C  
**TLC (R<sub>f</sub>):** 0.42 Hex/EtOAc (4:1)  
**Chemical Purity:** 99.7%  
**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 67.16, H 4.51, N 10.44; Found: C 66.98, H 4.45, N 10.41  
**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)	0.0	0.0	Insoluble
	DMSO	26.8	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 13-03-2020

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**