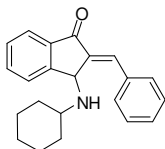




## Certificate of Analysis

**Axon Catalogue ID:** 2178 **Batch Number:** 2  
**Product Name:** BCI  
**Alternative Name(s):** NSC 150117  
**IUPAC Name:** (E)-2-Benzylidene-3-(cyclohexylamino)-2,3-dihydro-1H-inden-1-one

**Structure:**



**Amount:**

**CAS number(s):** 1245792-51-1  
**Molecular Formula:** C<sub>22</sub>H<sub>23</sub>NO **Molecular Weight:** 317.42  
**Batch Molecular Formula:** C<sub>22</sub>H<sub>23</sub>NO **Batch Molecular Weight:** 317.42  
**Appearance:** Yellow solid **Observed mp:** 96 °C  
**TLC (R<sub>f</sub>):** 0.48 Hex/EtOAc (4:1)  
**Chemical Purity:** 98.5%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 83.24, H 7.30, N 4.41; Found: C 83.17, H 7.44, N 4.32  
**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)			Not Tested
	DMSO	22.0	69.3	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 24-8-2022

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**