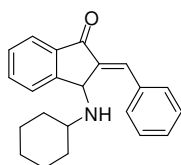


## Certificate of Analysis

**Axon Catalogue ID:** 2178 **Batch Number:** 3  
**Product Name:** BCI  
**Alternative Name(s):** NSC 150117  
**IUPAC Name:** 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:** 100 °C  
**TLC (R<sub>f</sub>):** 0.56 Hex/EtOAc (4:1)  
**Chemical Purity:** 99.8%  
**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 83.24, H 7.30, N 4.41; Found: C 83.23, H 7.37, N 4.44  
**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           | 25.0               | 78.8            |            |
|                  | EtOH           |                    |                 | Not Tested |

**Remarks:**

**QC Date:** 29-08-2017

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**