

## **Certificate of Analysis**

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| Product Name  | : DUSP6 inhibitor BCI  |
|---------------|--|
| Cat. No.      | : PC-60183   |
| CAS No.       | : 1245792-51-1   |
| Batch No.     | : PC-6018301   |
| Chemical Name | : (E)-2-benzylidene-3-(cyclohexylamino)-2,3-dihydro-1H-inden-1-one |

## PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Weight   | : 317.43                             |                 |
|--------------------|--------------------------------------|-----------------|
| Molecular Formula  | : C <sub>22</sub> H <sub>23</sub> NO |                 |
| Storage            | : Powder                             | -20°C 12 Months |
|                    |                                      | 4°C 6 Months    |
|                    | In solvent                           | -80°C 6 Months  |
|                    |                                      | -20°C 1 Month   |
| Chemical Structure |                                      |                 |

| ANALYTICAL DATA             |   |
|-----------------------------|---|
| Appearance                  | : Solid powder  |
| <sup>1</sup> H NMR Spectrum | : Consistent with   |
| HPLC                        | : Consistent with   |
| NP                          | : Consistent with   |
| Purity (HPLC and/or LCMS)   | : >98%  |
| Conclusion                  | : The product has been tested and complies with the given specifications. |
|                             |   |

Caution: Product has not been fully validated for medical applications. Lab Use Only! E-mail: tech@probechem.com