

# Certificate of Analysis



| Product Identification         |   | Chemical Structure                     |
|--------------------------------|---|--|
| <b>Catalog number</b>          | HB1117  |  |
| <b>Compound name</b>           | Cyclopiazonic acid  |  |
| <b>Chemical name</b>           | (6aR,11aS,11bR)-rel-10-Acetyl-2,6,6 a,7,11a,11b-hexahydro-7,7-dimethyl-9H-pyrrolo[1',2': 2,3]isoindolo[4,5,6-cd]indol-9-one |  |
| <b>Batch number</b>            | E1862-1-1   |  |
| <b>Batch molecular formula</b> | C <sub>20</sub> H <sub>20</sub> N <sub>2</sub> O <sub>3</sub>   |  |
| <b>Batch molecular weight</b>  | 336.39  |  |
| Method                         | QC requirement  | QC Result                              |
| <b>HPLC</b>                    | Reverse Phase HPLC shows >98% purity  | Meets specification: 99.86%            |
| <b>TLC</b>                     | TLC analysis in 10% MeOH/DCM shows one spot under H <sub>2</sub> SO <sub>4</sub>  | Meets specification                    |
| <b>Microanalysis</b>           | Elemental analysis is within 0.4% for the batch molecular formula   | Meets specification                    |
| <b>Physical appearance</b>     | Yellow to pale yellow solid   | Meets specification: Pale yellow solid |
| <b>Solubility</b>              | Soluble in DMSO (100 mM)  | Meets specification                    |

Produced by

Signature

Passed by

Signature

Date

26-01-22

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.