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## **-CERTIFICATE OF ANALYSIS-**

Product: (1S,4S)-2,5-Diphenylbicyclo[2.2.2]octa-2,5-diene

Code Number: OR310404

CAS Number: 850409-83-5

Formula: C<sub>20</sub>H<sub>18</sub>

Batch Number: AS474217

Purity by HPLC: 99.4% by area

Purity Chiral purity: >99.0%

Optical Rotation: +33.3 deg

Identity: <sup>1</sup>H-NMR conforms to structure

Verified by: David Parton

Signed: --Digital document, no signature required--