

# Certificate of Analysis

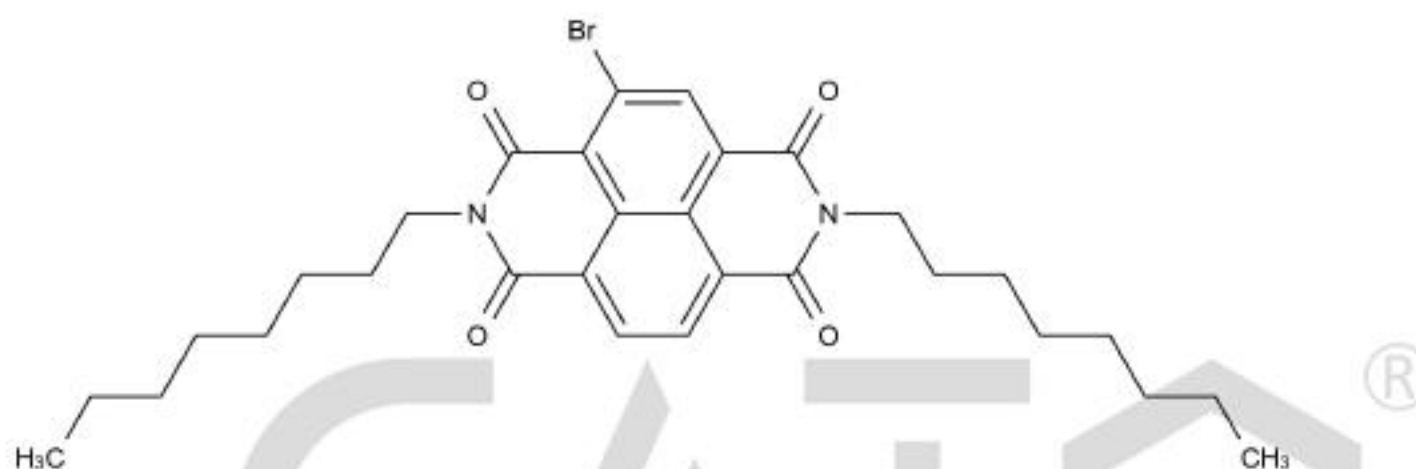
## Reference Material & Standard

|                           |                                                                          |                          |                                           |
|---------------------------|--------------------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | 4-Bromo-2,7-dioctylbenzo[lmn][3,8]phenanthroline-1,3,6,8(2H,7H)-tetraone | <b>Catalogue Number:</b> | C1714761                                  |
| <b>Synonyms:</b>          | N/A                                                                      | <b>Lot Number:</b>       | 0720-SA-7659                              |
| <b>CAS Number:</b>        | 942130-54-3                                                              | <b>Expiry Date:</b>      | Jul 19, 28                                |
| <b>Molecular Formula:</b> | C <sub>30</sub> H <sub>37</sub> BrN <sub>2</sub> O <sub>4</sub>          | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 569.53                                                                   |                          |                                           |

**Warning:**



**Chemical Structure:**



| Test Items      | Method            | Results   |
|-----------------|-------------------|-----------|
| Appearance      | Visual inspection | Solid     |
| Identification: | LC&HNMR           | Confirmed |
| Purity:         | HPLC              | 98.476%   |

CATO Research Chemicals Inc.

**Signature:**

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Date: Jul 20, 24

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## Directions:

- 1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
- 2. Minimum sample size: 1mg is recommended as the minimum sample size.*
- 3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
- 4. Instructions for handling and correct use: Handling in a well-ventilated place.*

## Document Version:

| Revision No. | Date       | Reason for Revision |
|--------------|------------|---------------------|
| 01           | Jul 20, 24 | First release.      |

