

# Certificate of Analysis

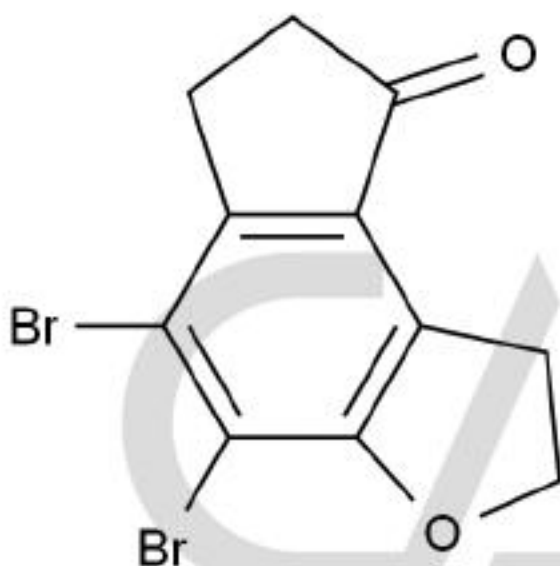
## Reference Material & Standard

|                    |                                                               |                   |                                           |
|--------------------|---------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Ramelteon Impurity K                                          | Catalogue Number: | CP124867                                  |
| Synonyms:          | N/A                                                           | Lot Number:       | 0814-SA-7671                              |
| CAS Number:        | 196597-77-0                                                   | Expiry Date:      | Aug 13, 28                                |
| Molecular Formula: | C <sub>11</sub> H <sub>8</sub> Br <sub>2</sub> O <sub>2</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 331.99                                                        |                   |                                           |

Warning:



Chemical Structure:



| Test Items      | Method            | Results     |
|-----------------|-------------------|-------------|
| Appearance      | Visual inspection | White Solid |
| Identification: | LC&HNMR           | Confirmed   |
| Purity:         | HPLC              | 97.588%     |

Signature:

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Approved by General Manager:

*David*

Date: Aug 14, 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           | Aug 14, 24 | First release.      |

