

# Certificate of Analysis

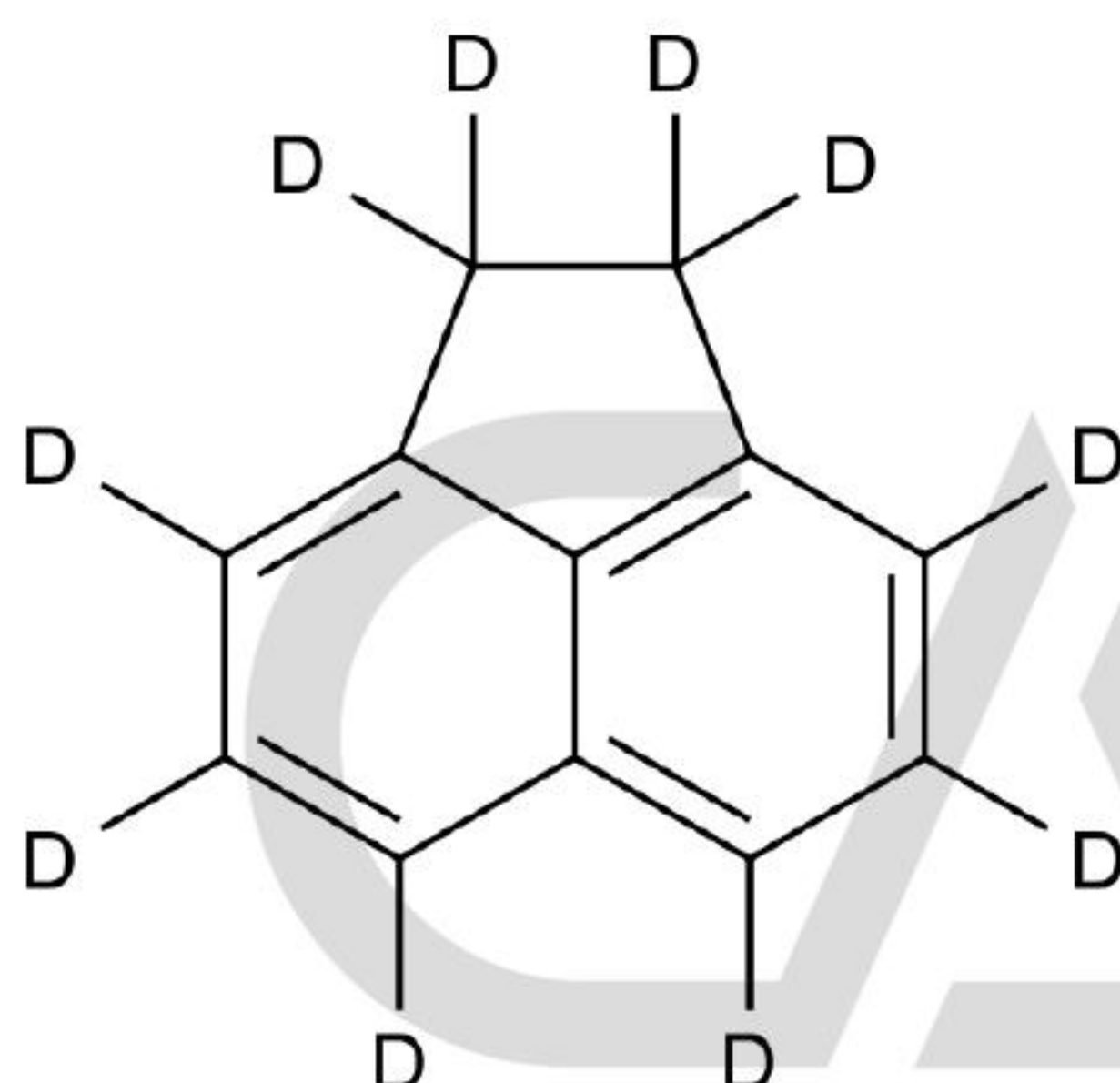
## Reference Material & Standard

|                    |                                 |                     |                                           |
|--------------------|---------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Acenaphthene-d10                | Catalogue Number:   | CPAH111533                                |
| Synonyms:          | N/A                             | Lot Number:         | 1204-RF-0019                              |
| CAS Number:        | 15067-26-2                      | Expiry Date:        | Dec 18, 2027                              |
| Molecular Formula: | C <sub>12</sub> D <sub>10</sub> | Storage:            | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 164.27                          | Shipping Condition: | Shipping with Ice Packs                   |

Warning:



Chemical Structure:



| Test Items      | Method            | Results                 |
|-----------------|-------------------|-------------------------|
| Appearance      | Visual inspection | White Crystalline Solid |
| Identification  | LCMS              | Confirmed               |
| Chemical Purity | GC                | 99.0%                   |
| Isotopic Purity |                   | 98.0%                   |
| Uncertainty     |                   | ±0.2%                   |

## Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

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*David*

Date: Dec 19, 2025

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