

# Certificate of Analysis

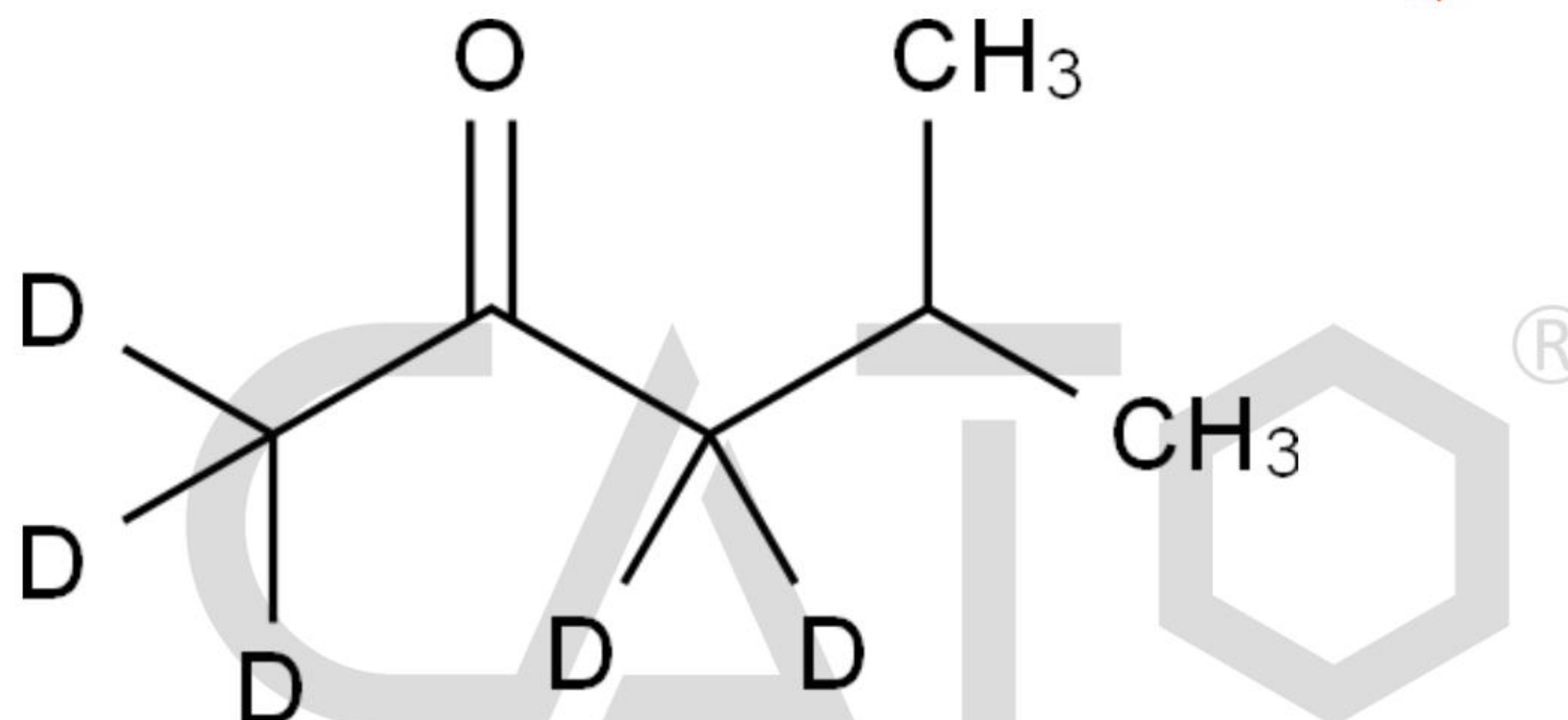
## Reference Material & Standard

|                    |                                                |                     |                                           |
|--------------------|------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | 4-Methyl-2-pentanone-d5                        | Catalogue Number:   | CCHM702815                                |
| Synonyms:          | N/A                                            | Lot Number:         | 0719-RC-0058                              |
| CAS Number:        | 4840-81-7                                      | Expiry Date:        | Oct 24, 2024                              |
| Molecular Formula: | C <sub>6</sub> H <sub>7</sub> D <sub>5</sub> O | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 105.19                                         | Shipping Condition: | Shipping at Room Temperature              |

Warning:



Chemical Structure:



| Test Items      | Method            | Results              |
|-----------------|-------------------|----------------------|
| Appearance      | Visual inspection | Clear Colourless Oil |
| Identification  | LCMS&HNMR         | Confirmed            |
| Chemical Purity | NMR               | 98.0%                |
| Isotopic Purity |                   | 97.50%               |
| Uncertainty     |                   | ±2.0%                |

## 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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Date: Jul 22, 2021

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Page 1 of 4



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