

# Certificate of Analysis

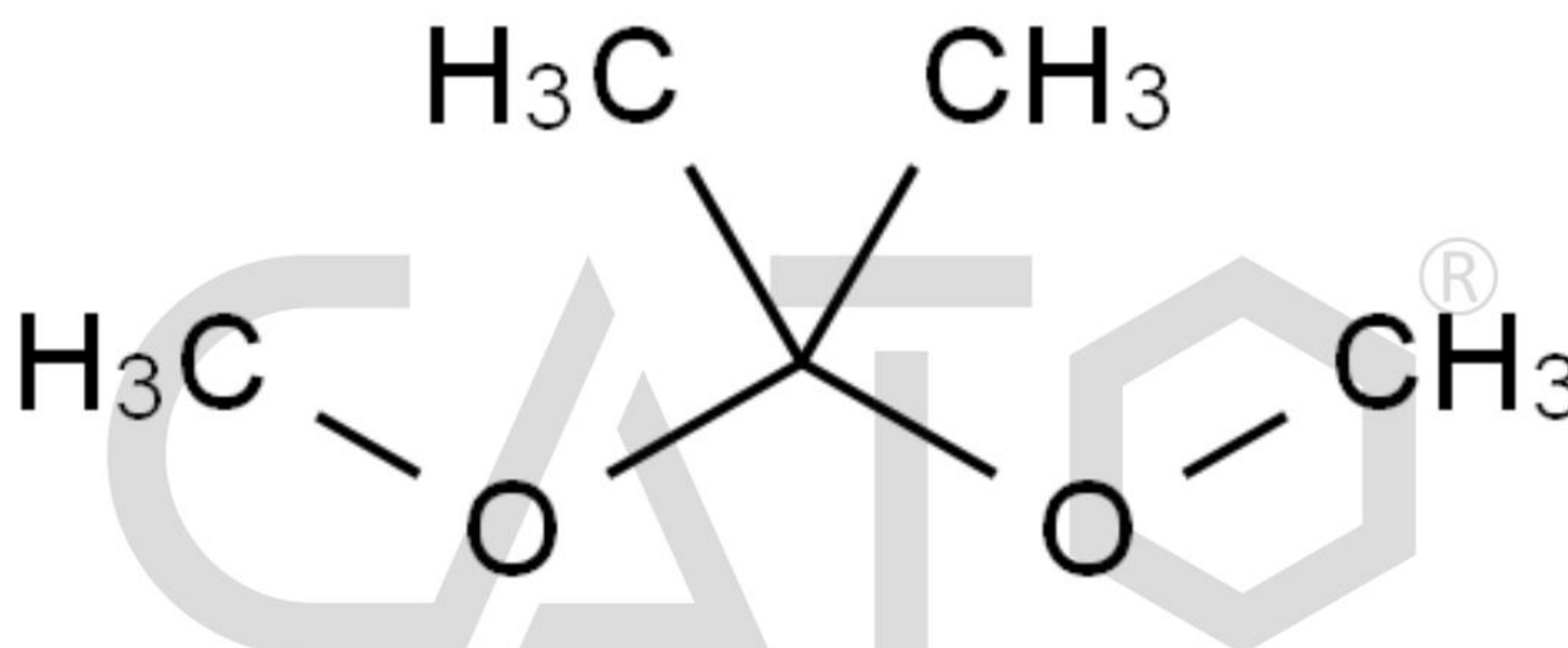
## Reference Material & Standard

|                    |                                               |                     |                                           |
|--------------------|-----------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Gadobutrol Impurity 113                       | Catalogue Number:   | C4X-2120113                               |
| Synonyms:          | 2,2-Dimethoxypropane                          | Lot Number:         | 0506-RH-0174                              |
| CAS Number:        | 77-76-9                                       | Expiry Date:        | May 05, 2030                              |
| Molecular Formula: | C <sub>5</sub> H <sub>12</sub> O <sub>2</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 104.15                                        | Shipping Condition: | Shipping at Room Temperature              |

Warning:



Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Colourless Liquid |
| Identification | GCMS&HNMR         | Confirmed         |
| Purity         | GC                | 100.0%            |
| Assay          | qNMR              | 90.3%             |

Signature:

Prepared by:

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Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: May 06, 2026

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