



CERTIFICATE OF ANALYSIS

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1. Identification

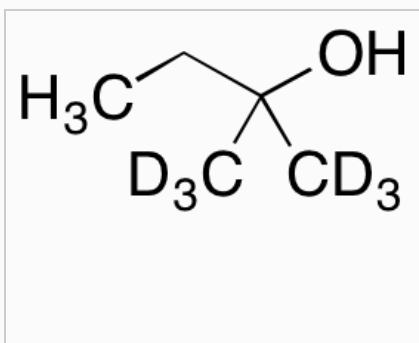
Catalogue Number: D470832

CAS Number: 75295-95-3

Product: 1,1-Dimethyl-1-propanol-d6

Synonym: tert-Pentyl Alcohol-d6; 2-Ethyl-2-propanol-d6; 2-Hydroxy-2-methylbutane-d6; 2-Methyl-2-butanol-d6; 2-Methyl-2-hydroxybutane-d6; 2-Methyl-3-butan-2-ol-d6; Amylene Hydrate-d6; Dimethylethylcarbinol-d6; Ethyldimethylcarbinol-d6; NSC 25498-d6; tert-Amyl Alcohol-d6; tert-Pentanol-d6;

Structure:



Molecular Formula:

C₅H₆D₆O

Molecular weight:

94.19

Source of Product:

Synthetic

Solubility:

Chloroform (Soluble)

Lot Number: 1-QQS-3-3

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|-----------------|-----------------------|----------------------|
| Appearance | Colourless Oil | Clear Colourless Oil |
| NMR | Conforms to Structure | Conforms |
| GC Purity | Report Result | 99.72% |
| GCMS | Conforms to Structure | Conforms |
| Isotopic Purity | >95% | >95% by NMR |
| C NMR | Conforms to Structure | Conforms |

Additional Information:

NA

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|------------------|---------------|--------------------|-----------|-------------|
| Meenakshi Sharma | Toni Rantanen | Chanell Chu | 1/26/2024 | 1/24/2028 |