

## Certificate of Analysis

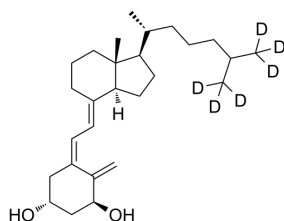
**Product Name:** Alfacalcidol-D6  
**Cat. No.:** CS-0818  
**CAS No.:** 1641940-94-4  
**Batch No.:** 10690  
**Chemical Name:** 1,3-Cyclohexanediol, 4-methylene-5-[(2E)-2-[(1R,3aS,7aR)-octahydro-7a-methyl-1-[(1R)-1-methyl-5-(methyl-d3)hexyl-6,6,6-d3]-4H-inden-4-ylidene]ethylidene]-, (1R,3S,5Z)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>27</sub>H<sub>38</sub>D<sub>6</sub>O<sub>2</sub>  
**Molecular Weight:** 406.67  
**Storage:**

|            |       |          |
|------------|-------|----------|
| Powder     | -20°C | 3 years  |
|            | 4°C   | 2 years  |
| In solvent | -80°C | 6 months |
|            | -20°C | 1 month  |

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (NMR):** >98.0%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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