

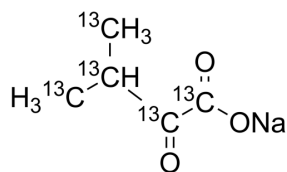
## Sodium 3-methyl-2-oxobutanoate-<sup>13</sup>C<sub>5</sub>

Cat. No.: HY-W006057AS16  
 CAS No.: 1173018-24-0  
 Batch No.: 353605  
 Chemical Name: Sodium 3-(methyl-<sup>13</sup>C)-2-oxobutanoate-1,2,3,4-<sup>13</sup>C<sub>4</sub>

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: <sup>13</sup>C<sub>5</sub>H<sub>7</sub>NaO<sub>3</sub>  
 Molecular Weight: 143.06  
 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)  
 Purity (HPLC): 99.00%  
 Isotopic Enrichment: 99.1%  
 Karl Fischer Titration for Total Water Content: <10000 ppm  
 pH: 8  
 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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