

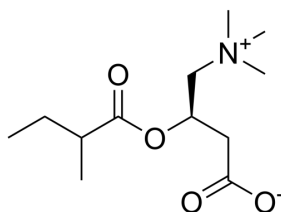
## 2-Methylbutyrylcarnitine

Cat. No.: HY-112948  
CAS No.: 256928-75-3  
Batch No.: 264045  
Chemical Name: 1-Propanaminium, 3-carboxy-N,N,N-trimethyl-2-(2-methyl-1-oxobutoxy)-, inner salt, (2R)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>12</sub>H<sub>23</sub>NO<sub>4</sub>  
Molecular Weight: 245.32  
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  
MS: 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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