

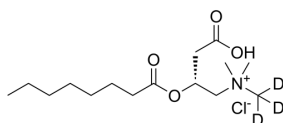
## Octanoyl-L-carnitine-d<sub>3</sub> (chloride)

Cat. No.: HY-139392S  
CAS No.: 1334532-24-9  
Batch No.: 233010  
Chemical Name: 1-Propanaminium, 3-carboxy-N,N-dimethyl-N-(methyl-d<sub>3</sub>)-2-[(1-oxooctyl)oxy]-, chloride (1:1), (2R)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>15</sub>H<sub>27</sub>D<sub>3</sub>ClNO<sub>4</sub>  
Molecular Weight: 326.87  
Storage: 4°C, sealed storage, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.97%  
Isotopic Enrichment: 99.91%  
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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