

## Isovaleric acid-d<sub>9</sub>

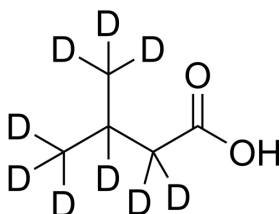
Cat. No.: HY-W012980S  
CAS No.: 344298-81-3  
Batch No.: 156656  
Chemical Name: Butanoic-2,2,3,4,4,4-d<sub>6</sub> acid, 3-(methyl-d<sub>3</sub>)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>5</sub>HD<sub>9</sub>O<sub>2</sub>  
Molecular Weight: 111.19  
Storage: 

Pure form	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (NMR): ≥98.0%  
Isotopic Enrichment: D<sub>9</sub>=88.9%, D<sub>8</sub>=10.6%, D<sub>7</sub>=0.5%  
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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