

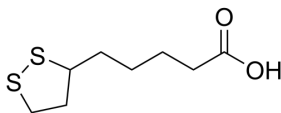
## α-Lipoic Acid

Cat. No.: HY-N0492  
CAS No.: 1077-28-7  
Batch No.: 31802  
Chemical Name: 1,2-Dithiolane-3-pentanoic acid

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>8</sub>H<sub>14</sub>O<sub>2</sub>S<sub>2</sub>  
Molecular Weight: 206.33  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C   2 years  
  -20°C   1 year

Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.86%  
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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