

## Diethyl 3-oxopentanedioate

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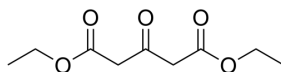
Cat. No.: HY-W014799  
CAS No.: 105-50-0  
Batch No.: 84147  
Chemical Name: Pentanedioic acid, 3-oxo-, 1,5-diethyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>9</sub>H<sub>14</sub>O<sub>5</sub>  
Molecular Weight: 202.21  
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): ≥95.0%  
Water(KF): 0.08%  
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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