

## Monolaurin

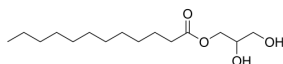
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Cat. No.: HY-121620  
CAS No.: 142-18-7  
Batch No.: 341766  
Chemical Name: Dodecanoic acid, 2,3-dihydroxypropyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>15</sub>H<sub>30</sub>O<sub>4</sub>  
Molecular Weight: 274.40  
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: White to off-white (<52°C Solid, >52°C Liquid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.26%  
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA