

## Product Data Sheet

Product Name: MEGA-9  
Cat. No.: GC44153

### Chemical Properties

Cas. No. 85261-19-4

SMILES OC[C@@H](O)[C@@H](O)[C@H](O)[C@@H](O)CN(C)C(CCCCCCCC)=O

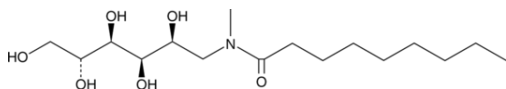
Formula C<sub>16</sub>H<sub>33</sub>NO<sub>6</sub> M.Wt 335.4

Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, DMSO:PBS (pH 7.2) (1:2): 0.33 mg/ml, Ethanol: 1 mg/ml  
Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



### Background

MEGA-9 is a nonionic detergent that can be used to solubilize membrane proteins. It has a critical micelle concentration (CMC) of 20 mM under no-salt conditions and CMCs ranging from 2 to 17.1 mM under high and low salt conditions for a variety of salts. It has been used to solubilize the melibiose transport carrier from E. coli membranes and reconstitute it into liposomes.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA