

# Product Information

## **n-Dodecyl-N,N-Dimethylamine-N-Oxide, Sol-Grade**

**Lauryldimethylamine-N-Oxide; LDAO; DDAO; N,N-Dimethyl-1-Dodecanamine-N-Oxide; n-Dodecyl-N,N-Dimethylamine-N-Oxide, Sol-Grade**

Cat. No.: **MPD0002K**

This product is for research use only and is not intended for diagnostic use.

MPD0002K-1.png

This product is a detergent for membrane protein solubilization. It is for research use only and is not approved for use in humans or in clinical diagnosis.

### **Product Type**

Detergent

### **Classification**

Amine oxides

### **Molecular Formula**

C<sub>14</sub>H<sub>31</sub>NO

### **CAS Number**

1643-20-5

### **Formula Weight**

229.4

### **CMC in H<sub>2</sub>O**

0.00023

### **Purity**

≥99% by HPLC analysis

### **Solubility in water**

≥30% (in water at 20°C)

### **Conductance**

< 100 μS

### **Fluorescence**

<10% (0.1% solution in water at 345nm)

### **Size**

1g; 5g; 25g

### **Storage**

Aliquot and store at -20°C.