

## Oleylethanolamide

Cat. No. EXTZ-755

Lot. No. (See product label)

### Introduction

#### Description

Oleylethanolamide (OEA) is a naturally occurring fatty acid ethanolamide compound formed by the condensation of oleic acid and ethanolamine via an amide bond. Physiologically, as an endogenous lipid signaling molecule, OEA participates in the regulation of appetite, lipid metabolism and energy homeostasis in the body, thus holding significant value in metabolism-related research fields. In the fields of materials and chemical engineering, it can serve as a non-ionic surfactant. Relying on its amphipathic structure, OEA enables the surface modification of nanoparticles and enhances particle dispersibility. Additionally, OEA can be used as a functional ingredient in the research and development of relevant products such as food and health supplements.

#### Applications

Dietary Supplement Weight Loss

### Product Information

|                          |   |
|--------------------------|---|
| <b>Form</b>              | Powder  |
| <b>CAS No.</b>           | 111-58-0  |
| <b>Molecular Formula</b> | C <sub>20</sub> H <sub>39</sub> NO <sub>2</sub> |
| <b>Molecular Weight</b>  | 325.5   |
| <b>Purity</b>            | 85%   |