

Catalog Number: 101117

## Stearic acid

**Structure:** (free acid)



**Molecular Formula:**  $C_{18}H_{36}O_2$

**Molecular Weight:** 284.48

**CAS # :** 57-11-4

**Synonym:** Octadecanoic acid

**Physical Appearance:** White crystalline powder

**Purity:** 99%

**Solubility:** Soluble in alcohol, benzene, chloroform, acetone, carbon tetrachloride, carbondisulfide; very slightly soluble in water

**Reference:**

1. *Merck Index*, **12th Ed.**, No 8959