

Product Name : Stearic acid

Synonyms : —

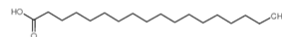
Cat No. : M17715

CAS Number : 57-11-4

Molecular Formula : C₁₈H₃₆O₂

Formula Weight : 284.48

Chemical Name : —



Description : 1. Stearic Acid can reduce metastatic tumor burden. 2. Stearic Acid leads to dramatically reduced visceral fat likely by causing the apoptosis of preadipocytes. 3. Stearic Acid and its derivatives have been used as gelators in food and pharmaceutical gel formulations. 4. Stearic Acid is a potent phosphatase 1B inhibitor, possibly causing an enhancement in the insulin receptor signaling to stimulate glucose uptake into adipocytes. 5. Stearic Acid has the potential to increase dry matter intake and yields of milk and milk components, without affecting conversion of feed to milk, body condition score, or body weight.

Pathway : Cytoskeleton/Cell Adhesion Molecules

Target : HSP

Receptor : Tyrosine Phosphatase 1B

Solubility : DMSO : 125 mg/mL 439.40 mM; H₂O : < 0.1 mg/mL

SMILES : CCCCCCCCCCCCCCCCCC(=O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :