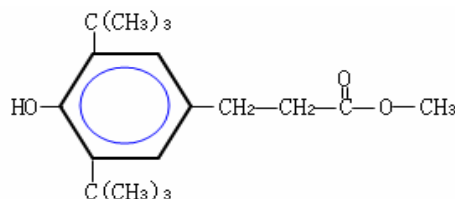




3,5-Methyl Ester

- **Chemical Name:** β -(3,5-Di-tert-butyl-4-hydroxyphenyl) propionate methyl ester
- **Domestic Commercial Name:** 3,5-methyl ester
- **Molecular Weight:** 292.4
- **Molecular Formula:** $C_{18}H_{28}O_3$
- **Chemical Structure Formula:**



- **Enterprise Standard No.:** Q/FSJYH-008-2004
- **Quality Standard:**

Control Items	Unit	Standard
Appearance	—	white or light yellow crystallineflakes
Melting Point	°C	62.5—67.0
Volatility	WT%	≤ 0.5
Acid Value	mgKOH/ g	≤ 0.5

- **Typical Properties:** It is white or light yellow crystallineflakes at room temperature. It can easily dissolve in organic solvents such as alcohols, esters, acetones, alkanes and aromatics (e.g. ethanol, butyl acetate, acetone, gasoline, xylene, etc.), and slightly in hot water. Its color gradually darkens when exposed to air for a long time.
Main physical and chemical properties are followed as: bulk density is $0.5 - 0.6\text{g/cm}^3$, melting point is $62.5-67.0^\circ\text{C}$. It is combustible but not flammable easily. It has no odor or little odor of residue solvents at room temperature and shows good chemical stability. It can form lumps during storage and transportation if not further remove volatile products from it, but its performance in use will not be affected after the lumps are broken.
- **Toxicity & Protection:** It is basically nontoxic. For your safety and health, do not take it by mouth or contact with the skin and mucous membrane directly. Wear rubber gloves and protective eyeglasses in use. For further information please consult us.
- **Applications:** It is an important hindered-phenol antioxidant, generally used as intermediate of macromolecular hindered-phenol antioxidants such as antioxidant 1010, 1076, etc.
- **Storage & Transportation:** Handling according to the requirements of general chemical products. Protect against fire and water and avoid package breaking.
- **Packing:** Bags of vellum paper lined with plastic of 25 kilos each.