

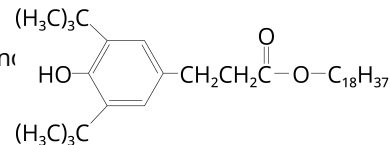


YFK-1076

Chemical Structure

Chemical Name

3,5--
Bis(1,1-Dimethylethyl)-4-hydroxybenzenepropanoic acid octadecyl ester



Chemical Formula

C₃₅H₆₂O₃

Cas No.

2082-79-3

Molecular Weight

531

Specifications

Appearance

White powder or particle

Melting Range (°C)

50 ~ 55

Volatile Loss %

<= 0.20

Ash Content %

<= 0.05

Transmittance %, 425nm

>= 98

Transmittance %, 500nm

>= 99

Solubility

Clear

Purity GC %

>= 98.5

Active Ingredient Content

>= 98

Tin Content %

<= 2x10⁻⁴

Usage Notes

Properties

Odorless and tasteless, it dissolves readily in solvents such as benzene, acetone, and esters, and is slightly soluble in ethanol. The product is free from impurities, with good heat and water resistance, excellent extractability, and compatibility.



YFK-1076

Applications

Applications include polyolefins such as polyethylene, polybutene, polypropylene, and other polymers, including engineering plastics, polystyrene-based homopolymers and copolymers, polyurethanes, elastomers, adhesives, and other organic materials.

Storage

This product is stable under normal conditions and does not have any special storage requirements. However, it should be protected from moisture and heat.

Recommended Dosage

The typical dosage range is 0.02% to 0.20%.

Packaging

The product is packaged in cardboard boxes lined with plastic bags. The net weight per box is 25 kg.
