



fungicide

Physical Description: Oil

Melting Point: Mp 12° (labile form). Mp 16° (stable form)

Boiling Point: Bp₅ 203-205°

Solubility: Insol. H₂O; sol. EtOH, Et₂O

Density: d₄²⁰ 0.895

Refractive Index: n_D²⁰ 1.4595

Calculated Log P Data: Log P 7.75 (uncertain value) (calc)

Other Data: ¹²⁵I and ¹³¹I labelled cpds. are used as radioactive agents (Oleotope). Undergoes BF₃-catalysed dimerisation

Hazard & Toxicity: Skin irritant. LD₅₀ (rat, orl) 74000 mg/kg

Aldrich: W28150-6

Fluka: 75090

Rare Chemicals Library: S57411-2

Sigma: O4379

Supelco: R42-0550

>>Derivative: Dimer

CAS Registry Number: 7049-68-5

Use/Importance: Monomer for polyesters and polyamides

Other Data: Mixt. of acyclic and cyclic components

>>Derivative: Na salt

CAS Registry Number: 143-19-1

Melting Point: Mp 232-235°

Aldrich: 23397-8

Fluka: 75165

Sigma: O7501

>>Derivative: Me ester

Synonym(s): Methyl oleate

CAS Registry Number: 112-62-9

Molecular Formula: C₁₉H₃₆O₂

Molecular Weight: 296.492

Percentage Composition: C 76.97%; H 12.24%; O 10.79%

Physical Description: Oil

Boiling Point: Bp₁₅ 212-213°

Hazard & Toxicity: An exp. carcinogen (v. large dose)

Aldrich: 26803-8

Fluka: 75162

Rare Chemicals Library: S42831-0

Sigma: O1000

Supelco: R42-0555

>>Derivative: Et ester

Synonym(s): Ethyl oleate

CAS Registry Number: 111-62-6

Molecular Formula: C₂₀H₃₈O₂

Molecular Weight: 310.519

Percentage Composition: C 77.36%; H 12.33%; O 10.30%

Use/Importance: Vehicle for parenteral preparations

Physical Description: Oil

Boiling Point: Bp₁₅₁ 216-217°

Aldrich: 26801-1

Fluka: 75100

Sigma: O9500

>>Derivative: Propyl ester

Synonym(s): Propyl oleate