fungicide
Physical Description: Oil
Melting Point: Mp 12° (labile form). Mp 16° (stable form)
Boiling Point: Bp_5 203-205°
Solubility: Insol. H_2O; sol. EtOH, Et_2O
Density: d_4^{20}0.895
Refractive Index: n_D^{20} 1.4595
Calculated Log P Data: Log P 7.75 (uncertain value) (calc)
Other Data: ^{125}I and ^{131}I labelled cpds. are used as radioactive agents (Oleotope). Undergoes BF_3-catalysed dimerisation
Hazard & Toxicity: Skin irritant. LD_{50} (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: $C_{19}H_{36}O_2$
Molecular Weight: 296.492
Percentage Composition: C 76.97%; H 12.24%; O 10.79%
Physical Description: Oil
Boiling Point: Bp_{15} 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: $C_{20}H_{38}O_2$
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: Bp_{151} 216-217°

Aldrich: 26801-1
Fluka: 75100
Sigma: O9500

>>**Derivative:** Propyl ester
Synonym(s): Propyl oleate