



>>Derivative: Me ether, Et ester

CAS Registry Number: 24393-56-4

Molecular Formula: C₁₂H₁₄O₃

Molecular Weight: 206.241

Accurate Mass: 206.094295

Percentage Composition: C 69.89%; H 6.84%; O 23.27%

Biological Source: Major constit. of oil of *Kaempferia galanga*

Physical Description: Large prisms

Melting Point: Mp 49-50°

Boiling Point: Bp₁ 132°

Solubility: BERDY SOL: Sol. EtOH, CHCl₃

UV: [neutral] λ_{max} 227 (); 308 () (MeOH) (Berdy) [neutral] λ_{max} 273 (ε 21000) (EtOH) (Berdy)

>>Derivative: Me ether, chloride

Extra CAS Registry Numbers(s): 34446-64-5

Molecular Formula: C₁₀H₉ClO₂

Molecular Weight: 196.633

Accurate Mass: 196.029107

Percentage Composition: C 61.08%; H 4.61%; Cl 18.03%; O 16.27%

Melting Point: Mp 50°

Boiling Point: Bp_{4.5} 158-159° (lit. gives a pressure range)

>>Derivative: Me ether, amide

CAS Registry Number: 36650-51-8

Molecular Formula: C₁₀H₁₁NO₂

Molecular Weight: 177.202

Accurate Mass: 177.078979

Percentage Composition: C 67.78%; H 6.26%; N 7.90%; O 18.06%

Melting Point: Mp 186°

>>Derivative: Me ether, nitrile

CAS Registry Number: 14482-11-2

Extra CAS Registry Numbers(s): 28446-68-6

Molecular Formula: C₁₀H₉NO

Molecular Weight: 159.187

Accurate Mass: 159.068414

Percentage Composition: C 75.45%; H 5.70%; N 8.80%; O 10.05%

Melting Point: Mp 62-63°

>>Derivative: Et ether

Synonym(s): 3-(4-Ethoxyphenyl)-2-propenoic acid

CAS Registry Number: 2373-79-7

Molecular Formula: C₁₁H₁₂O₃

Molecular Weight: 192.214

Accurate Mass: 192.078645

Percentage Composition: C 68.74%; H 6.29%; O 24.97%

Physical Description: Needles (EtOH)

Melting Point: Mp 191-192°

Rare Chemicals Library: S54958-4

Other: PB E03285