



>>Derivative: Ac

CAS Registry Number: 62398-10-1

Molecular Formula: C₁₆H₁₄O₃

Molecular Weight: 254.285

Accurate Mass: 254.094295

Percentage Composition: C 75.58%; H 5.55%; O 18.88%

Physical Description: Prisms

Melting Point: Mp 83°

>>Derivative: Benzoyl

CAS Registry Number: 127245-92-5

Molecular Formula: C₂₁H₁₆O₃

Molecular Weight: 316.356

Accurate Mass: 316.109945

Percentage Composition: C 79.73%; H 5.10%; O 15.17%

Physical Description: Needles (EtOH), prisms (Et₂O)

Melting Point: Mp 125°

>>Derivative: Me ether

CAS Registry Number: 5987-95-1

Extra CAS Registry Numbers(s): 3524-62-7

Molecular Formula: C₁₅H₁₄O₂

Molecular Weight: 226.274

Percentage Composition: C 79.62%; H 6.24%; O 14.14%

Use/Importance: Photoinitiator in radical polym.

Physical Description: Needles

Melting Point: Mp 49°

>>Derivative: Et ether

Synonym(s): 2-Ethoxy-1,2-diphenylethanone

CAS Registry Number: 574-09-4

Molecular Formula: C₁₆H₁₆O₂

Molecular Weight: 240.301

Accurate Mass: 240.11503

Percentage Composition: C 79.97%; H 6.71%; O 13.32%

Use/Importance: Photoinitiator in radical polym.

Melting Point: Mp 59-61°

Aldrich: 17200-6

Fluka: 12512

>>Derivative: Isopropyl ether

CAS Registry Number: 6652-28-4

Molecular Formula: C₁₇H₁₈O₂

Molecular Weight: 254.328

Accurate Mass: 254.13068

Percentage Composition: C 80.28%; H 7.13%; O 12.58%

Use/Importance: Photoinitiator in radical polym.

Melting Point: Mp 58°. Mp 76-77°

Rare Chemicals Library: S45774-4

>>Derivative: Butyl ether

CAS Registry Number: 22499-11-2

Molecular Formula: C₁₈H₂₀O₂

Molecular Weight: 268.355

Accurate Mass: 268.14633

Percentage Composition: C 80.56%; H 7.51%; O 11.92%

Use/Importance: Photoinitiator in radical polym.

Boiling Point: Bp₂ 128-130°