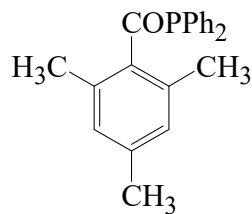




>>Entry Name: Diphenyl(2,4,6-trimethylbenzoyl)phosphine

Synonym(s): Diphenylphosphinyl mesityl ketone



CAS Registry Number: 80793-79-9

Molecular Formula: C₂₂H₂₁OP

Molecular Weight: 332.381

Accurate Mass: 332.133002

Percentage Composition: C 79.50%; H 6.37%; O 4.81%; P 9.32%

>>Derivative: P-Oxide

CAS Registry Number: 75980-60-8

Molecular Formula: C₂₂H₂₁O₂P

Molecular Weight: 348.381

Accurate Mass: 348.127917

Percentage Composition: C 75.85%; H 6.08%; O 9.19%; P 8.89%

Use/Importance: Polymerisation photoinitiator

Physical Description: Cryst.

Melting Point: Mp 92-94°

References:

Ger. Pat., 1983, 3 139 984; *CA*, **99**, 105512r, (*oxide, synth, uv*)

Ger. Pat., 1994, 4 230 555; *CA*, **120**, 323864a, (*oxide, synth*)