



>>Entry Name: Decyl diphenyl phosphite, 9CI

CAS Registry Number: 3287-06-7

$\text{H}_3\text{C}(\text{CH}_2)_9\text{OP}(\text{OPh})_2$

Molecular Formula: $\text{C}_{22}\text{H}_{31}\text{O}_3\text{P}$

Molecular Weight: 374.459

Accurate Mass: 374.201082

Percentage Composition: C 70.57%; H 8.34%; O 12.82%; P 8.27%

Use/Importance: Antioxidant for polymers

Physical Description: Liq.

Density: d^{20} 1.025

Refractive Index: n_D^{32} 1.5138

References:

U.S. Pat., 1961, 2 968 670; *CA*, **55**, 14384a, (*synth*)