



>>Entry Name: Tris(4-methylphenyl) phosphite, 9CI
Synonym(s): Tri-*p*-cresyl phosphite. Tri-*p*-tolyl phosphite

CAS Registry Number: 620-42-8
Extra CAS Registry Numbers(s): 25586-42-9

Molecular Formula: C₂₁H₂₁O₃P
Molecular Weight: 352.369
Accurate Mass: 352.122832
Percentage Composition: C 71.58%; H 6.01%; O 13.62%; P 8.79%
Use/Importance: Ligand for Ir, Fe, Mn, Ni, and Pt
Physical Description: Oil
Boiling Point: Bp₁ 194°
Density: d₂₅²⁵ 1.11
Refractive Index: n_D²⁵ 1.5734

References:

Strecker, W. *et al.*, *Ber.*, 1916, **49**, 63, (*synth*)
Walsh, E.N., *J.A.C.S.*, 1959, **81**, 3023, (*synth*)
Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, TJG000