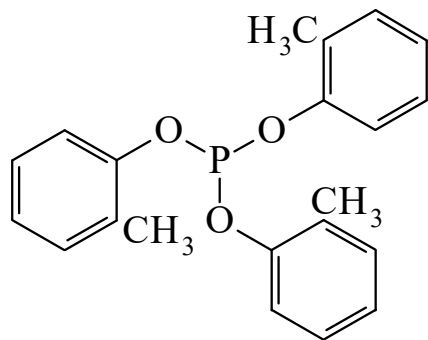




>>Entry Name: Tris(2-methylphenyl) phosphite, 9CI

Synonym(s): Tri-*o*-tolyl phosphite, 8CI. Tri-*o*-cresyl phosphite



CAS Registry Number: 2622-08-4

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 Mo and metals of group VIII

Physical Description: Oil

Boiling Point: Bp₁ 193-194°

Density: d²⁰ 1.138

Refractive Index: n_D²⁵ 1.5760

References:

Walsh, E.N., *J.A.C.S.*, 1959, **81**, 3023

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, TJF750