



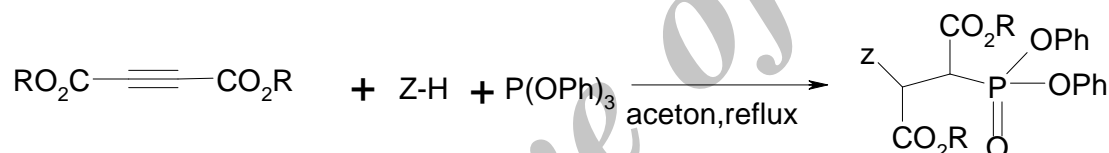
Synthesis phosphonate poly factor By the reaction between Tri Phenyl Phosphite, di Alkyl Acetylene dicarboxylate and pyrrole or Indole

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Abstract

Three partial responses among di Alkyl Acetylene dicarboxylate, Tri Phenyl Phosphite and pyrrole or Indole Induce the phosphonate poly factor with high yield



2	R	1	Z-H	z	R	%yield	
a	Me	a	pyrrole	a	pyrrol-2-yl	Me	95
b	Et	b	indole	b	pyrrol-2-yl	Et	89
c	t-Bu			c	pyrrol-2-yl	t-Bu	90
				d	indol-1-yl	Me	85

Keywords: di Alkyl Acetylene dicarboxylate, Tri Phenyl Phosphite, pyrrole, Indole