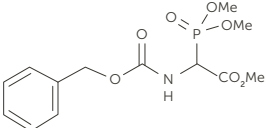
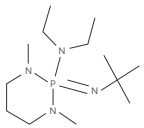
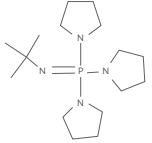
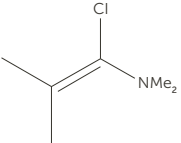
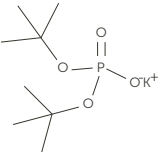
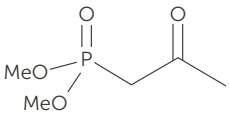
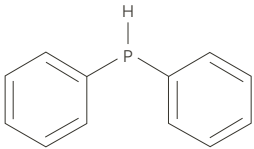
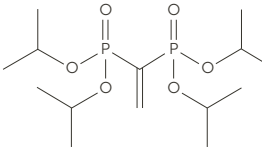


Reagents

Entegris has a unique, versatile, and practical organophosphorus based/derived reagent portfolio including key intermediates for pharmaceutical and industrial applications and phosphazene super bases that facilitate delicate deprotonation reactions.

We exercise our chemistry know-how, scale-up expertise, and industry feedback to continue building a strong, high purity reagent portfolio with impeccable impurity control for reliable, consistent, and peak performance.

1260	N-(Benzyloxycarbonyl)-α-phosphonoglycine trimethylester CAS#88568-95-0	Reacts with aldehydes under Horner-Emmons olefination conditions and converts the glycine unit to a protected enamine, which are substrates for asymmetric hydrogenations to protect unnatural amino acids.	
1999	2-tert-Butylimino-2-diethylamino-1,3-dimethyl-perhydro-1,3,2-diazaphosphorine BEMP CAS#98015-45-3	A bulky, neutral, non-coordinating strong base that has found use in alkylation reactions and esterifications under basic conditions.	
1726	Tert-Butyliminotri(pyrrolidino)phosphorane BTPP CAS#161118-67-8	A bulky, neutral, non-coordinating strong base that has found use in alkylation reactions, Lewis acid mediated [2,3]-sigmatropic rearrangements, and [3,3]-sigmatropic Cope rearrangements.	
2122	1-Chloro-N,N,2-trimethyl-1-propenylamine, Ghosez's Reagent CAS#26189-59-3	A chlorinating agent that has been used in a number of synthetic transformations including the conversions of carboxylic acids to acid halides, alkyl alcohols to alkyl halides and thiophosphoryl compounds to the corresponding phosphoryl halides.	
1722	Di-tert-butylphosphate, potassium salt CAS#33494-80-3	Utilized as an intermediate to prepare N-phosphonooxymethyl prodrugs, which increase bioavailability, and to prepare Naiscon-type phosphates (i.e., $\text{KTi}_2(\text{PO}_4)_2$) used in fast ion conductors with low thermal expansion ceramics.	
133	Dimethyl 2-oxopropylphosphonate CAS#4202-14-6	Used in the alkylation of aldehydes and the Horner-Wadsworth-Emmons olefination of carbonyl complexes to generate α,β -unsaturated ketones.	
312	Diphenylphosphine CAS#829-85-6	Versatile reagent used in the preparation of new phosphine ligands. Phosphide can be used as a base in the demethylation of aryl methyl ethers, diastereoselective cyanation of ketones, and the regioselective ring opening of silylepoxydes.	
2135	Vinylidene-1,1-diphosphonic acid, tetraisopropylester, or set off with VDPE CAS#48074-47-1	VDPE, and acid derivatives, have been used in polymeric flame-retardants, manufacture of ion exchange resins, and some pharmaceutical applications. VDPE has been used as a biological agent for the inhibition of anomalous deposition and mobilization of calcium phosphates in animal tissues.	

FOR MORE INFORMATION

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