**NEW PRODUCTS****NATIVE & MASS-LABELLED**  
**ORGANOPHOSPHORUS COMPOUNDS**

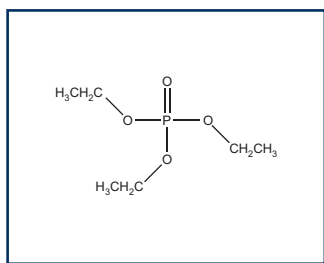
Organophosphorus compounds (OPs) are commonly utilized as flame retardants and plasticizers, but have also found use as antifoaming agents and additives in products such as lubricants and hydraulic fluids. Halogenated OPs are mainly used as flame retardants whereas non-halogenated OPs are typically utilized as plasticizers. In either case, since OPs are chemical additives, it is possible for them to migrate into the environment through volatilization, abrasion, and dissolution with relative ease. The release of these compounds into the environment is troubling because they are also known to be relatively stable toward biodegradation (especially the chlorinated OPs) and have been detected in a variety of matrices. In order to aid researchers in the detection of OPs in environmental samples, **Wellington** has produced a series of native and mass-labelled organophosphorus compounds to supplement our existing inventory.

Catalogue Number	Product (toluene)	Qty	Conc
TEP	Tri-ethyl phosphate	1.2 ml	50 µg/ml
TPrP	Tri-n-propyl phosphate	1.2 ml	50 µg/ml
TBP	Tri-n-butyl phosphate	1.2 ml	50 µg/ml
TBEP	Tris(2-butoxyethyl) phosphate	1.2 ml	50 µg/ml
EHDP	2-Ethylhexyl diphenyl phosphate	1.2 ml	50 µg/ml
TEHP	Tris(2-ethylhexyl) phosphate	1.2 ml	50 µg/ml
TCEP	Tris(2-chloroethyl) phosphate	1.2 ml	50 µg/ml
TCPP	Tris[(2R)-1-chloro-2-propyl] phosphate	1.2 ml	50 µg/ml
TDCPP	Tris(1,3-dichloro-2-propyl) phosphate	1.2 ml	50 µg/ml

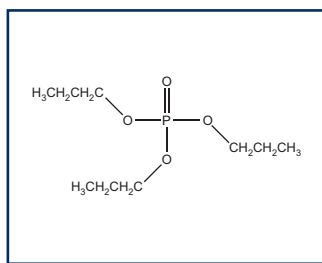
Catalogue Number	Product (toluene)	Qty	Conc
M6TBEP	Tris(2-butoxy-[ <sup>13</sup> C <sub>2</sub> ]-ethyl) phosphate	1.2 ml	50 µg/ml
dTEP	Tri-ethyl phosphate-d <sub>15</sub>	1.2 ml	50 µg/ml
dTPrP	Tri-n-propyl phosphate-d <sub>21</sub>	1.2 ml	50 µg/ml
dTBP	Tri-n-butyl phosphate-d <sub>27</sub>	1.2 ml	50 µg/ml
dTPP	Triphenyl phosphate-d <sub>15</sub>	1.2 ml	50 µg/ml
dTCEP	Tris(2-chloroethyl) phosphate-d <sub>12</sub>	1.2 ml	50 µg/ml
dTDCPP	Tris(1,3-dichloro-2-propyl) phosphate-d <sub>15</sub>	1.2 ml	50 µg/ml
dBDCP	Bis(1,3-dichloro-2-propyl) phosphate-d <sub>10</sub> (in acetonitrile)	1.2 ml	50 µg/ml



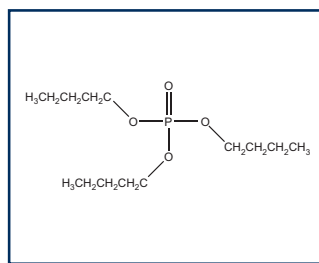
## NATIVE OPs



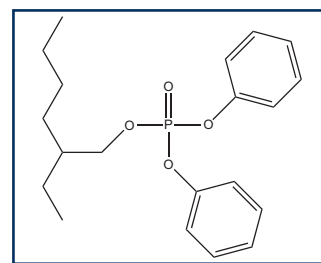
TEP



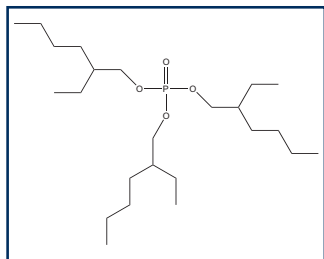
TPrP



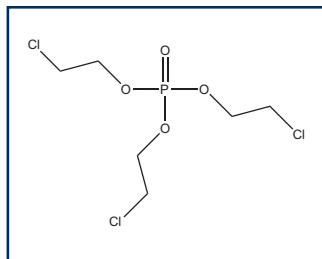
TBP



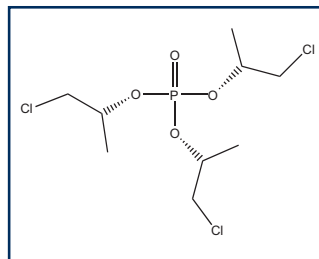
EHDP



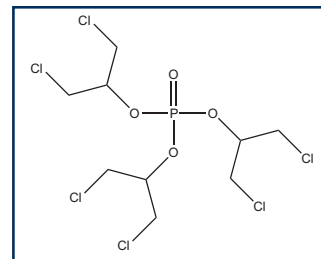
TEHP



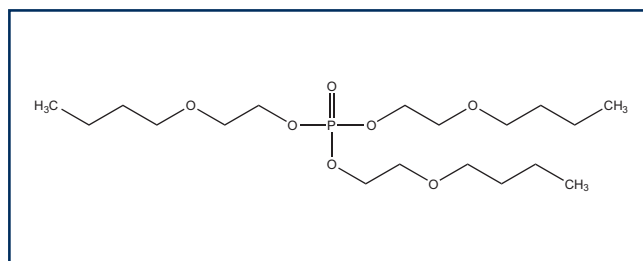
TCEP



TCPP

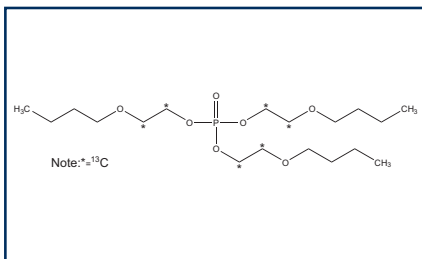


TDCPP

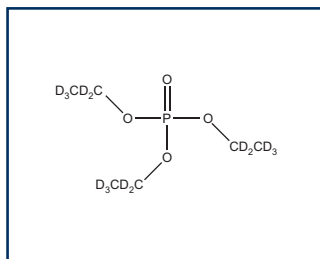


TBEP

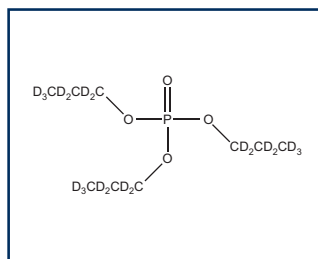
## MASS-LABELLED OPs



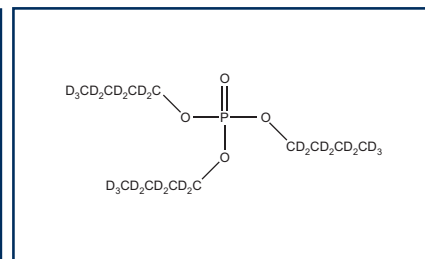
M6TBEP



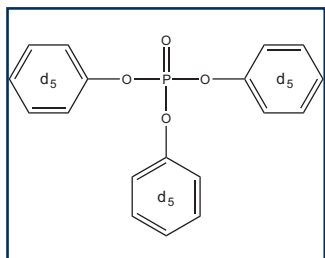
dTEP



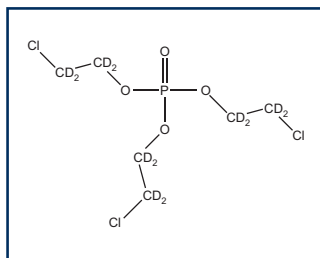
dTPrP



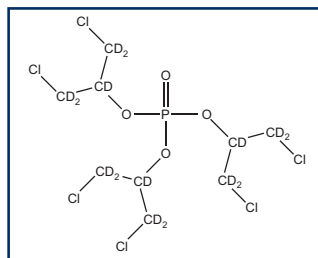
dTBP



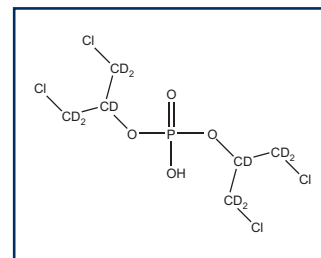
dTPP



dTCEP



dTDCPP



dBDCP

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