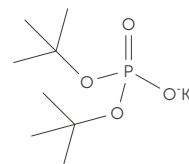


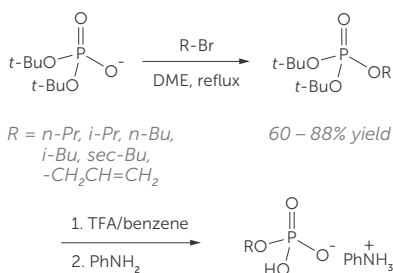
# Di-*tert*-butylphosphate, potassium salt

Product number: 1722 | CAS number: 33494-80-3 |  $C_8H_{18}KO_4P$  | Molecular weight: 248.30

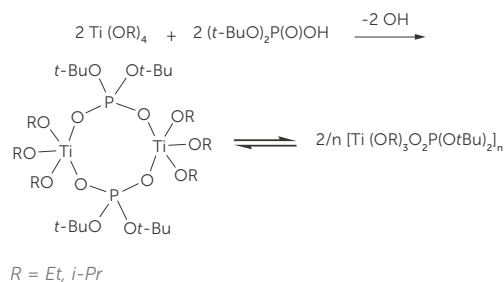
Di-*tert*-butylphosphate,  $(t\text{-BuO})_2P(O)OH$ , is a solid that is easily isolated from cold water. Storage at room temperature for several hours causes spontaneous autocatalytic decomposition into isobutylene and phosphoric acid.<sup>1</sup> Salts of  $(t\text{-BuO})_2P(O)OH$  are stable crystalline solids and provide a source of *in situ*  $(t\text{-BuO})_2P(O)OH$  after acidification.<sup>2</sup>



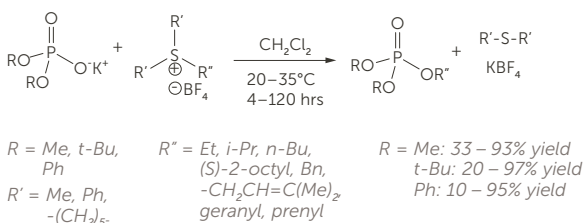
## PHOSPHORYLATION AGENT FOR ALKYL BROMIDES AND IODIDES<sup>1,2</sup>



## UNIQUE TRANSITION METAL COMPLEXES AND MATERIAL SCIENCE<sup>4</sup>



## PREPARATION OF MIXED PHOSPHORIC ACID TRIESTERS WITH SULFONIUM SALTS<sup>3</sup>



## MIXED PHOSPHORIC ACID TRIESTERS FROM $(t\text{-BUO})_2P(O)OH$ VIA MITSUNOBU PROTOCOL<sup>5</sup>

