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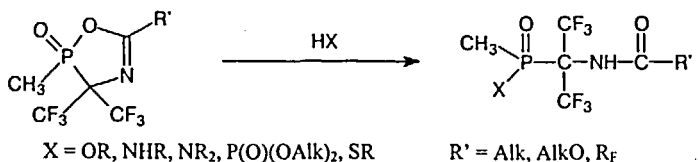
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Fluorinated 1,4,2-Oxazaphospholines and their Opening by Nucleophiles

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We have found that fluorinated 1,4,2-oxazaphospholines are highly electrophilic phosphorylating reagents for alcohols, thiols, amines, and dialkyl phosphites. Phosphorylation proceeds by opening of the P-O bond to yield the corresponding phosphinates.



These results could be used for phosphorylation of biologically active compounds as well as in peptide synthesis.