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Efficient hydrophosphorylation of activated alkenes under phosphine catalysis

Il'in A., Fatkhutdinov A., Salin A.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© 2016 Taylor & Francis Group, LLC. Conjugate addition of diisobutyl phosphite to activated alkenes under PBu₃ catalysis affords corresponding phosphonates in high yields within short reaction times.

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Keywords

dialkyl phosphites, Organocatalysis, Pudovik reaction, tertiary phosphines