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New di- and tricarboxylate phosphabetaines

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Abstract

© 2016, Springer Science+Business Media New York.New stable tricarboxylate phosphabetaines were synthesized based on 3-(diphenylphosphino)propionic acid and unsaturated dicarboxylic acids (maleic and itaconic). A new dicarboxylate phosphabetaine was synthesized based on 1,3-bis(diphenylphosphino)propane, which did not contain any proton-donor reagents in its crystal lattice.

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Keywords

carboxylate phosphabetaines, phosphonium salts, unsaturated dicarboxylic acids