## New triphenylphosphonium salts from a cyclic 2,3dichloro-4-oxobut-2-enoic acid and its esters. Synthesis of an unusual phosphonium betaine

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## **Abstract**

PPh3 reacts with a cyclic 2,3-dichloro-4-oxobut-2-enoic acid and its cyclic and acyclic esters to form new triphenylphosphonium salts. Treatment of the obtained salts with triethylamine leads to an unusual phosphonium betaine. © 1996 MAEe cyrillic signK Hayκa/Interperiodica Publishing.