

## Crystal structure of new carboxylate phosphobetaines and phosphonium salts conjugated with them

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### Abstract

© 2016, Springer Science+Business Media New York. Earlier unknown crystalline forms of three carboxylate phosphobetaines and conjugated with them phosphonium salts differing by  $\beta$  substituent with respect to the carboxylate group were studied. The structure of studied compounds in crystal is determined by intermolecular electrostatic interactions. This leads to the trans arrangement of the carboxylate and the phosphonium groups.

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### Keywords

carboxylate phosphobetaine, intermolecular interactions, single crystal X-ray diffraction