

Quantum-Chemical Calculations of NMR Chemical Shifts of Organic Molecules: IX.* Electronic Structure of [Dimethylamino(chloro)methylideneamino]trichlorophosphonium Hexachlorophosphate: Azomethine or Azophosphine?

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Abstract—Relying on the study of the electronic structure of [dimethylamino(chloro)methylideneamino] trichlorophosphonium hexachlorophosphate by means of ^{31}P NMR and quantum chemistry it was shown that in chloroform this substance existed as trichlorophosphazo compound with a positive charge localized on the dialkylimino group.

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