Letter to the Editor

Registration Code of Publication: 13-36-11-98 Publication is available for discussion within the functioning of the permanent internet-Conference "New methods of synthesis, structure and application of organoelemental compounds" http://butlerov.com/synthesys/ Contributed: October 9, 2013.

Interaction of diphenylacetylene with platinum diiodide in dimethyl sulfoxide in the presence of oxygen

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Keywords: oxidation, diphenylacetylene, platinum diiodide, dimethylsulfoxide, diphenylethanedion-1,2.

Abstract

Diphenylacetylene in dimethylsulphoxide in the presence of atmospheric air and platinum diiodide is oxidized to diphenylethanedion-1, 2 with the yield of 91%. In the absence of platinum diiodide in the reaction mixture the formation of diphenyletandion-1,2 did not take place.