**Full Paper** 

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## Pentaphenylbismuth as phenyliation agent in reactions with pentavalent bismuth derivatives Ph<sub>3</sub>Bi(Br)OAr, (Ph<sub>3</sub>BiOAr)<sub>2</sub>O $(Ar = C_6H_2(NO_2)_3 - 2,4,6)$ and $(Ph_3BiOSO_2C_6H_3Me_2 - 2,4)_2O_3 - 2,4,6)$

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## Abstract

Under mild conditions (20 °C, 0.5 h, toluene) pentaphenyl bismuth phenylates bismuthcompounds  $Ph_3Bi(Br)OAr$ ,  $(Ph_3BiOAr)_2O$  (Ar =  $C_6H_2(NO_2)_3-2,4,6)$ ,  $(Ph_3BiOSO_2C_6H_3Me_2-2,4)_2O$  to the derivatives Ph<sub>4</sub>BiOAr and Ph<sub>4</sub>BiOSO<sub>2</sub>C<sub>6</sub>H<sub>3</sub>Me<sub>2</sub>-2,4, respectively. Another Bi-containing reaction product is triphenyl bismuth.