

Turkish Journal of Chemistry

Turkish Journal

of

Chemistry

Bromodimethylsulfonium bromide/tetrabutylammonium nitrite: an efficient catalyst mixture for the nitration of phenols

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 [Keywords](#)
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Abstract: Nitrophenols were obtained via direct nitration of phenols with tetrabutylammonium nitrite in the presence of bromodimethylsulfonium bromide at room temperature in high yields under aprotic conditions.

Key Words: Bromodimethylsulfonium bromide, nitration, nitrophenol, tetrabutylammonium nitrite



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Turk. J. Chem., **34**, (2010), 753-759.

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