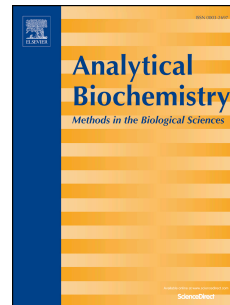


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Subject category: Notes & Tips.

When alcohol is the answer: trapping, identifying and quantifying simple alkylating species in aqueous environments

Short title: Water trapping of alkylating species as alcohols

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Abbreviations: 2,4-DNPH, 2,4-dinitrophenylhydrazine (Brady's reagent); 4NBP, 4-(4-nitrobenzyl)pyridine; 90CE, 1,2-bis(methylsulfonyl)-1-(2-chloroethyl)hydrazine; BCNU (carmustine), 1,3-bis(2-chloroethyl)-1-nitrosourea; CNU, chloroethylnitrosoureas; DMSO, dimethyl sulfoxide; KS119, 1,2-bis(methylsulfonyl)-1-(2-chloroethyl)-2-[[1-(4-nitrophenyl)ethoxy]carbonyl]hydrazine; R-KS119W, 1,2-bis(methylsulfonyl)-1-(2-chloroethyl)-2-[[1-(3-phospho-4-nitrophenyl)ethoxy]carbonyl]hydrazine.

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