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Extraction of technetium(VII) by calix[4]arene tetraketones and tetraesters from acidic and basic media

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Abstract

Tetrasubstituted on the lower rim calix[4]arenes, containing carbonyl and ester groups, and existing in a cone conformation are selective and efficient extracting agents for TcVII extraction from both acidic and basic solutions.

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Keywords

Calix[4]arenes, Extraction, Technetium