

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

Antipin I., Solovieva S., Stoikov I., Vershinina I., Pribylova G., Tananaev I., Myasoedov B.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

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