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A series of F-Element chelators; diaza crown ethers functionalized with catecholate binding substituents

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A SERIES OF F-ELEMENT CHELATORS; DIAZA CROWN ETHERS FUNCTIONALIZED WITH CATECHOLATE BINDING SUBSTITUENTS.

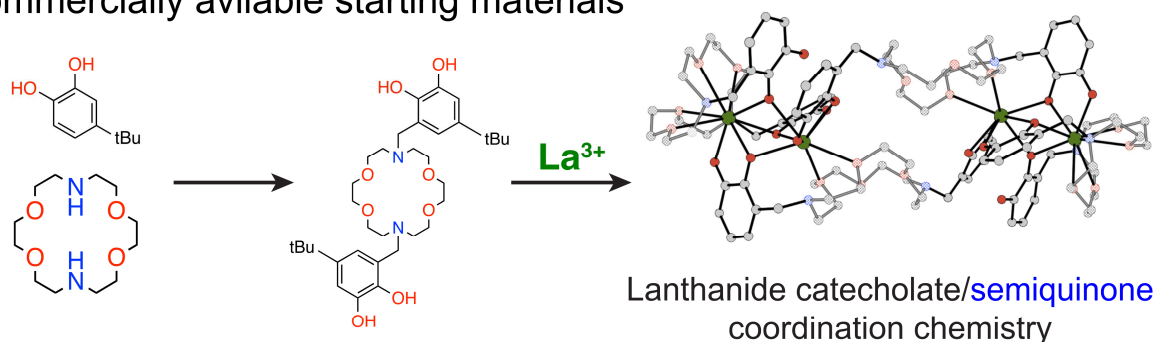
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TABLE OF CONTENT GRAPHIC

One step Mannich synthesis from commercially available starting materials



Dedicated to Prof. William J. Evans for his inspirational and creative contributions to f-element redox chemistry.

ABSTRACT

Reported here is the preparation of azacrown ethers functionalized with catechol groups. The synthetic approach was (1st) novel in that it made use of the Mannich

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