

Formation of Zinc Thiolates by Reductive Cleavage of Disulfides with the Zn/AlCl₃ System in Aqueous Media, and their Use for Michael Addition

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A simple, convenient, and efficient one-pot protocol for the reductive cleavage of disulfides and Michael addition to α,β -unsaturated carbonyl compounds mediated by the Zn/AlCl₃ system in aqueous media is reported.

Key words: Zinc Thiolates, Disulfides, Michael Addition, α,β -Unsaturated Carbonyl Compounds