

عنوان مقاله:

A mild, efficient green methodology for the Boc protection of aminescarried out at room temperature using silica boron sulfonic acid asthe catalyst

محل انتشار:

کنفرانس ملی سنتز آلی و شیمی دارویی (سال: 1392)

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خلاصه مقاله:

A simple, versatile and eco- friendly protocol for the N-Boc protection of various amines with di- tert- butyldicarbonate using silica boron sulfonic acid as the catalyst is described. The catalyst can be readily separated fromthe reaction products by simple filtration, Solvent less condition, easy work-up and good yields are the strikingfeatures of this methodology.

کلمات کلیدی:

amine,Boc protection, Heterogeneous catalysis, Solvent-free conditions,SBSA

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