Abstract

the 1,3-dipolar cycloaddition reaction of various arylnitrile oxides to selected dipolarophiles gave isoxazoles, including pentamidine bis isoxazoles, in good yields when the process was performed in the presence of the strong Lewis acid, cerium trichloride. Thus showing a catalytic effect and rendering a new application of the lanthanide

Keywords

pentamidine bis isoxazoles, 1,3-dipolar cycloaddition, cerium trichloride