

Domino Multicomponent Intramolecular Cyclization Strategy for the Multi Functionalized Imidazo[1,2-a]pyrimidin-5(1H)-one Derivatives

ABSTRACT

A microwave assisted novel domino synthetic approach to trifluoromethyl substituted imidazo[1,2-a]pyrimidin-5(1H)-one derivatives has been developed via a multi component cascade strategy in a single operation. The synthesized compounds can find application as structural components of biologically active compounds.