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Green, Catalyst-Free Synthesis of Mesalazine Conjugates

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Abstract

A greener protocol for the synthesis of mesalazine conjugates is reported. Mesalazine conjugates are prepared in high yields by a one-pot reaction of mesalazine and aminoacyl/peptidoylbenzotriazoles in water under microwave irradiation.

Keywords

Author Keywords: mesalazine; amino acid; prodrug; green chemistry; benzotriazole methodology

KeyWords Plus: 5-AMINOSALICYLIC ACID; MICROORGANISMS; HYDROLYSIS; PRODRUG

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