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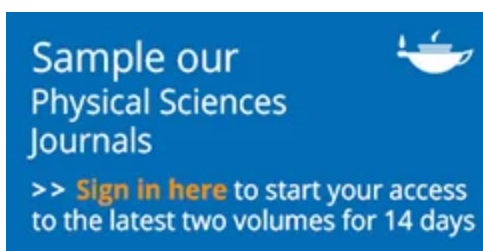
Research Articles

# Mechanosynthesis of phosphonocinnamic esters through solvent-free Horner-Wadsworth-Emmons reaction

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## Abstract

Herein we report the mild synthesis of 15 phosphonocinnamic esters by means of a solvent-free mechanically activated Horner-Wadsworth-Emmons (HWE) olefination, in regular to excellent yields (13–99%), from tetraethyl methylenediphosphonate, an