

## عنوان مقاله:

An Efficient Synthesis of Vinylphosphonates from AlkylCyanofornates, Activated Acetylenes, and Trialkyl Phosphites

## محل انتشار:

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

تعداد صفحات اصل مقاله: 6

## نویسندگان:

Tayebeh Sanaeishoar - *Young Researchers Club, Khouzesan Science and Research Branch, Islamic Azad University, Ahvaz, Iran*

Tahereh Shojaee, - *Department of chemistry, College of Science, Khouzesan Science and Research Branch, Islamic Azad University, Ahvaz, Iran*

Parvaneh Shabankareh, - *Department of chemistry, College of Science, Khouzesan Science and Research Branch, Islamic Azad University, Ahvaz, Iran*

Mina Bashirpour - *Department of chemistry, College of Science, Khouzesan Science and Research Branch, Islamic Azad University, Ahvaz, Iran*

## خلاصه مقاله:

An efficient synthesis of vinylphosphonates is described. This involves the reaction of alkyl cyanofornates and dialkyl acetylenedicarboxylates in the presence of trialkyl phosphites. The  $^1\text{H}$ ,  $^{13}\text{C}$  NMR, and  $^{31}\text{P}$  NMR spectra of vinylphosphonates having different substitution are consistent with the presence of two geometrical isomers

## کلمات کلیدی:

Vinylphosphonates, Alkyl cyanofornates, Acetylenic esters, Trialkyl phosphites

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1764600>

