

## Materials List for:

**Facile Preparation of (2Z,4E)-Dienamides by the Olefination of Electron-deficient Alkenes with Allyl Acetate**Liyuan Ding<sup>1</sup>, Chunbing Yu<sup>1</sup>, Zhenqiang Zhao<sup>2</sup>, Feifei Li<sup>1</sup>, Jian Zhang<sup>1</sup>, Guofu Zhong<sup>1</sup><sup>1</sup>College of Materials, Chemistry and Chemical Engineering, Hangzhou Normal University<sup>2</sup>Shijiazhuang Mechanized Infantry AcademyCorrespondence to: Jian Zhang at [zhangjian@hznu.edu.cn](mailto:zhangjian@hznu.edu.cn), Guofu Zhong at [zgf@hznu.edu.cn](mailto:zgf@hznu.edu.cn)URL: <https://www.jove.com/video/55766>DOI: [doi:10.3791/55766](https://doi.org/10.3791/55766)**Materials**

Name	Company	Catalog Number	Comments
Allyl Acetate	TCI	A0020	>98.0%(GC), 25 mL package
Dichloro(p-cymene)ruthenium(II) dimer	TCI	D2751	>95.0%(T), 5 g package
Silver hexafluoroantimonate	TCI	S0463	>97.0%(T), 5 g package
1,2-Dichloroethane	TCI	D0364	>99.5%(GC), 500 g package
Rotavapor	EYELA	N-1200A	Use to dry solvent
Silica gel	Merck	107734	Silica gel 60 (0.063-0.2 mm), for column chromatography