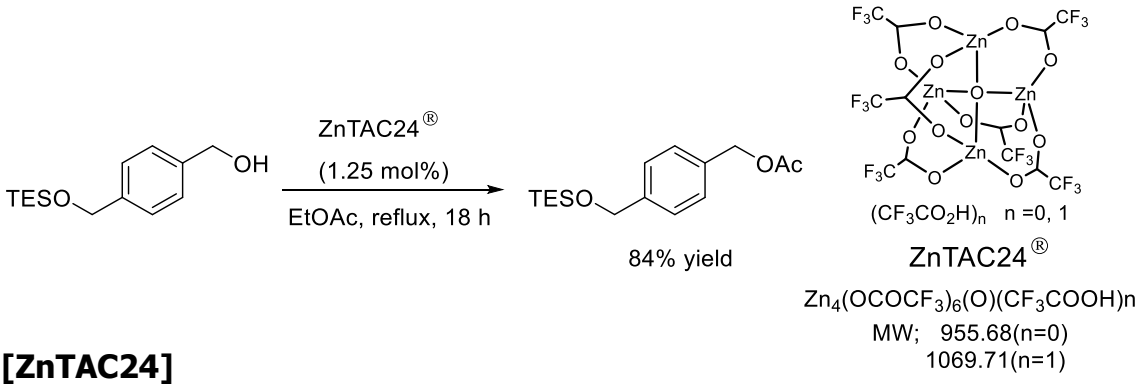
# TYPICAL PROCEDURE OF TRANSESTERIFICATION WITH ZnTAC24®




## [ZnTAC24]

Oxo[hexa(trifluoroacetato)]tetrazinc and its trifluoroacetic acid adduct

## [Procedure]

(1) A dry, glass flask equipped with a Teflon-coated magnetic stirring bar and a condenser is evacuated and filled with an inert gas (argon or nitrogen) three times.

(2) ZnTAC24® (23.8 mg, 0.0250 mmol calcd. as $Zn_4(OCOCF_3)_6(O)$) are placed into the flask under an inert gas.

(3) The alcohol (2.0 mmol) and ethyl acetate (3.4 mL, 0.6 M) are transferred into the flask by syringe under an inert gas (Figure 1).

(4) The reaction mixture is stirred under reflux condition for 18 h.

(5) The reaction mixture is cooled to ambient temperature and concentrated. The residue is purified by silica gel column chromatography to give the desired acetate in 84% yield.

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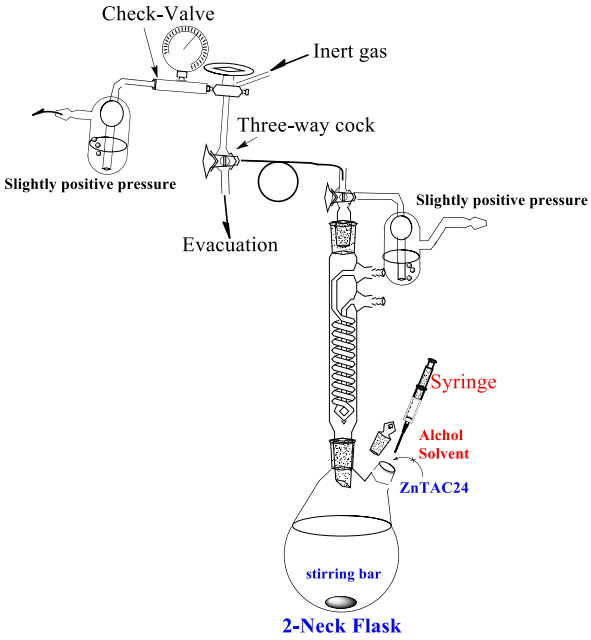


**Figure 1.**

## [Notes]

Guaranteed grade solvent is distilled under an inert gas (argon or nitrogen atmosphere).

## [Waste Disposal Information]

All toxic materials should be disposed of in accordance with "Prudent Practices in the Laboratory: Handling and Management of Chemical Hazards, Updated Version "; National Academy Press; Washington, DC, 2011. doi. 10.17226/12654

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