

Sulfinate Salt for Trifluoromethylation via C-H Bond Activation



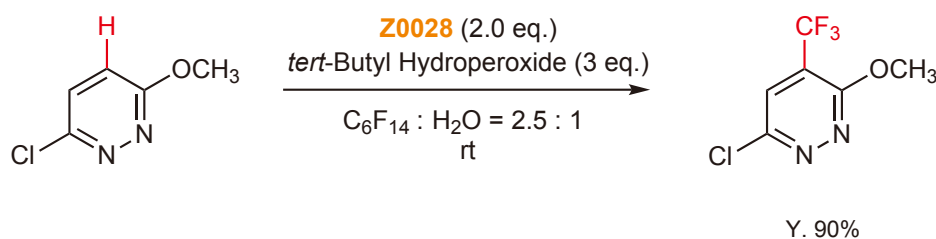
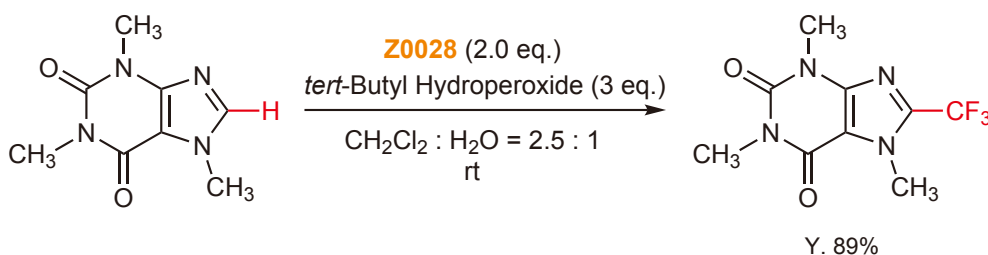
[Z0028]

Advantages

- Water- and Air-stable Reagent
- Reacts with Substances without Halides
- Environmentally Friendly Reagent

Z0028 activates the C-H bond on a heteroaromatic ring and can substitute a trifluoromethyl group, and is an environmentally friendly reagent because the reaction proceeds in water as well as in organic solvents.

Applications



P. S. Baran, *et al.* *Nature* 2012, 492, 95.

Zinc(II) Trifluoromethanesulfinate

1g / 5g [Z0028]

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trifluoromethylation



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