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Sodium chlorate as a viable substoichiometric oxidant for cobalt-catalyzed oxidative annulation of aryl sulfonamides with alkynes

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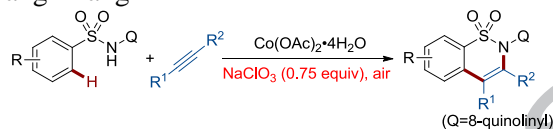
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### Sodium chlorate as a viable substoichiometric oxidant for cobalt-catalyzed oxidative annulation of aryl sulfonamides with alkynes

You Ran, Yudong Yang\*, Luoqiang Zhang



- $\text{NaClO}_3$  as a novel oxidant
- Substoichiometric oxidant
- Inexpensive reaction system

- Exclusive regioselectivity
- Broad substrate scope
- Under atmospheric conditions

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