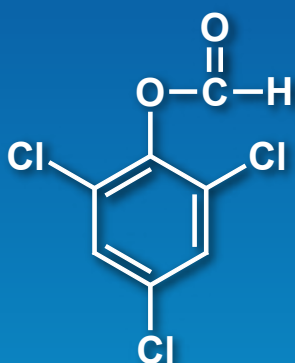
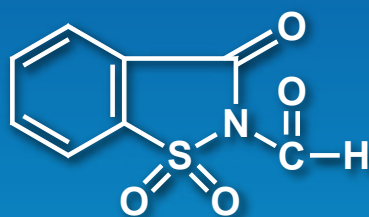


# Carbon Monoxide (CO) Surrogate Reagents for Carbonylation



[T3121]

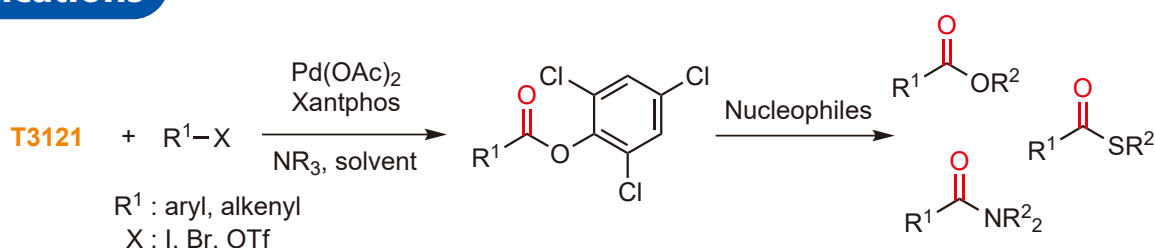


[F0854]

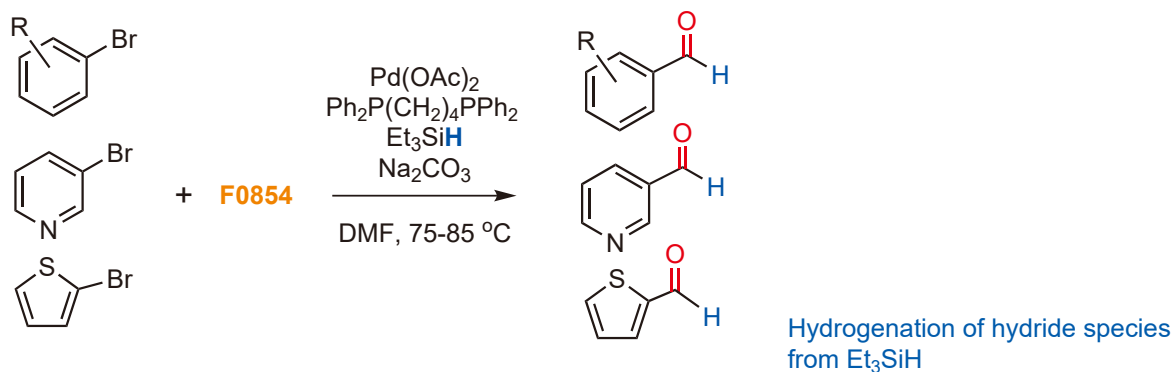
## Advantages

- Stable crystalline solids at room temperature
- T3121 rapidly decomposes by treatment with a trialkylamine, and in situ generated CO is applied to carbonylation
- The palladium-catalyzed reductive carbonylation of aryl bromides is accomplished in combination with F0854 and triethylsilane

## Applications



References T. Ueda, H. Konishi, K. Manabe, *Org. Lett.* **2012**, 14, 5370.  
H. Konishi, T. Ueda, K. Manabe, *Org. Synth.* **2014**, 91, 39.



References T. Ueda, H. Konishi, K. Manabe, *Angew. Chem. Int. Ed.* **2013**, 52, 8611.

**2,4,6-Trichlorophenyl Formate**  
**N-Formylsaccharin**

1g / 5g [T3121]  
5g / 25g [F0854]

# Carbon Monoxide (CO) Surrogate Reagents for Carbonylation

## Related Products

<b>Palladium(II) Acetate (= Pd(OAc)<sub>2</sub>)</b>	1g / 5g [A1424]
<b>Palladium(II) Acetate (Purified)</b>	1g [P2161]
<b>Xantphos</b>	1g / 5g / 25g [B2709]
<b>1,4-Bis(diphenylphosphino)butane (= Ph<sub>2</sub>P(CH<sub>2</sub>)<sub>4</sub>PPh<sub>2</sub>)</b>	5g / 25g [B1246]
<b>Triethylsilane (= Et<sub>3</sub>SiH)</b>	25mL / 250mL [T0662]

For further information please refer to our website at [www.TCIchemicals.com](http://www.TCIchemicals.com). ▶▶▶

CO surrogate



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