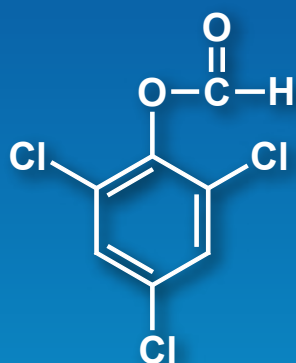
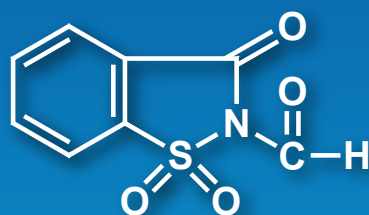


Carbon Monoxide (CO) Surrogate Reagents for Carbonylation



[T3121]

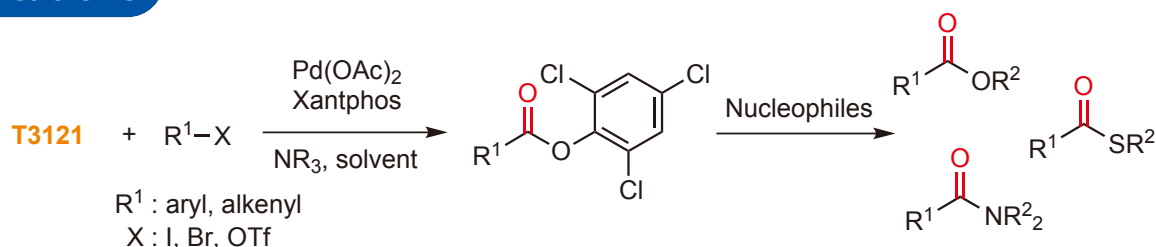


[F0854]

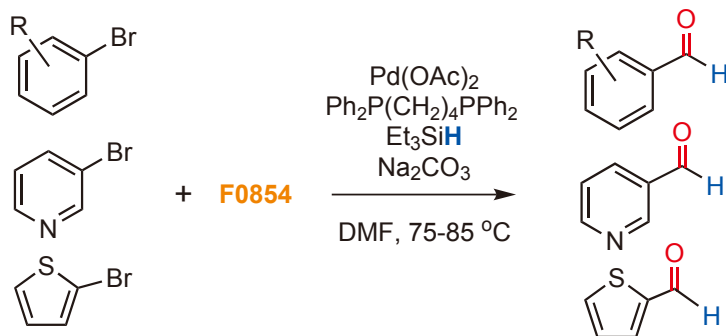
Advantages

- 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



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



Hydrogenation of hydride species from Et₃SiH

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

Carbon Monoxide (CO) Surrogate Reagents for Carbonylation

T3121 2,4,6-Trichlorophenyl Formate	1g / 5g
F0854 N-Formylsaccharin	5g / 25g

Related Products

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

For further information please refer to our website at www.TCIchemicals.com.

CO surrogate



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