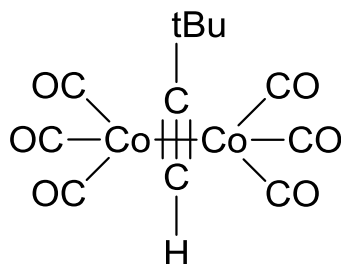


Catalog # D282486 (3,3-Dimethyl-1-butyne)dicobalt hexacarbonyl, 98% CCTBA



Technical Notes:

Substrate or catalyst for numerous organometallic transformations, including the Nicholas reaction, the Pauson–Khand reaction, alkyne cyclotrimerization, and alkyne hydrosilylation (ref 1-2)

Precursor for the atomic layer deposition of Cobalt containing thin films (refs 3-5)

References:

1. Lledo, Agusti; Verdaguer, Xavier; Riera, Antoni, *e-EROS Encyclopedia of Reagents for Organic Synthesis*, **2011**, 1-5.
2. Antras, Frederic; Laurent, Stephane; Ahmar, Mohammed; Chermette, Henry; Cazes, Bernard, *European Journal of Organic Chemistry*, **2010**, (17), 3312-3336.
3. Han, Byeol; Choi, Kyu Ha; Park, Kwangmin; Han, Won Seok; Lee, Won-Jun, *Electrochemical and Solid-State Letters*, **2012**, 15(2), D14-D17.
4. Baum, Thomas H.; Battle, Scott L.; Peters, David W.; Chen, Philip S. H., *PCT Int. Appl.* **2015**, WO 2015157004 A1 20151015.
5. Lee, Keunwoo; Park, Taeyong; Lee, Jaesang; Kim, Jinwoo; Kim, Jeongtae; Kwak, Nohjung; Yeom, Seungjin; Jeon, Hyeongtag, *Japanese Journal of Applied Physics*, **2008**, 47(7, Pt. 1), 5396-5399.