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Catalog # 46-0463 Dichloro{bis[2-(diphenylphosphino)phenyl]ether}palladium(II), 98%

Technical Notes:

- 1. Stereoretentive palladium-catalyzed Kumada-Corriu couplings of alkenyl halides at room temperature.
- 2. Highly selective reactions of unbiased alkenyl halides: Negishi-Plus couplings.

$$R'MgX' + R \xrightarrow{X} \frac{\text{cat. L}_{n}\text{PdCl}_{2}}{\text{TMEDA, THF, rt}} \xrightarrow{R'} \frac{\text{Tech. Note (1)}}{\text{Ref. (1)}}$$

$$R' = \text{alkyl, alkenyl, aryl} \text{ } R = \text{alkyl, aryl} \text{ } R = \text{alk$$

References:

- 1. Org. Lett., **2014**, *16*, 4066. 2. Org. Lett., **2011**, *13*, 3822.