## Strem Chemicals, Inc.

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Catalog # 77-1400 Hydridocarbonyltris(triphenylphosphine)iridium(I), 99%

$$\begin{array}{c} H \\ Ph_3P \\ Ir - CO \\ Ph_3P \\ I \\ PPh_3 \end{array}$$

## Technical Notes:

- Catalyst for ring-opening isomerization of unsymmetrically substituted methylenecyclopropanes into 1,3-dienes
- Catalyst for asymmetric transfer hydrogenation of aromatic ketones under base-free conditions
- Catalyst for C-F bond activation for the C-S cross-coupling of aryl fluorides with diaryl disulfides to synthesize thioethers

## References:

- Organometallics, **2001**, 20, 2124. Org. Lett., **2005**, 7, 1043. 1.
- Tetrahedron Lett., 2015, 56, 6405.