## Strem Chemicals, Inc.

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Catalog # 77-0418 Chloro(pentamethylcyclopentadienyl){5-methoxy-2-{1-[(4-methoxyphenyl)imino-kN]ethyl} phenyl-kC}iridium(III), 99% Iridicycle-MeO

## Technical Note:

- 1. A versatile catalyst for reductive amination by hydrogen transfer.
- 2. Acceptorless dehydrogenation of nitrogen heterocycles with a versatile iridium catalyst.

$$R^{2} \xrightarrow{\text{NH}_{2}} \text{NH} \xrightarrow{\text{NH}_{2}} \text{NH} \xrightarrow{\text{Ir catalyst}} \text{NH} \xrightarrow{\text{NH}_{2}} \text{NH}$$

## References:

- 1. Angew. Chem. Int. Ed., 2010, 49, 7548.
- 2 Angew. Chem. Int. Ed., 2013, 52, 6983.