## Strem Chemicals, Inc

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Catalog # 26-3955 Tris{[2-(diphenylphosphino)ethyl]phosphine}(fluoro)iron(II) tetraphenylborate, min. 98%

## Technical Notes:

- 1. Catalyst for base free reductive hydrogenation of nitroarenes to anilines.
- 2. Catalyst for hydrogen generation from formic acid.

$$R = \frac{\text{Fe(BF}_4)_2 \cdot 6\text{H}_2\text{O}; PP_3 (4 \text{ mol\%})}{\text{+ 3HCO}_2\text{H, - 3CO}_2, - 2\text{H}_2\text{O}} R = \frac{\text{NH}_2}{\text{Ref. (1)}}$$

$$\begin{array}{c}
O \\
H \\
OH
\end{array}$$

$$\begin{array}{c}
\text{FeF(PP_3)]BPh_4} \\
\hline
CO_2 + H_2
\end{array}$$

$$\begin{array}{c}
\text{Tech. Note (2)} \\
\text{Ref. (2)}
\end{array}$$

## References:

- 1. J. Am. Chem. Soc., 2011, 133, 12875.
- 2. Chem. Eur. J., 2014, 20, 13589.