## **Strem Chemicals, Inc**

## www.strem.com

Catalog # 77-6100

Tris[5-fluoro-2-(2-pyridinyl-kN)phenyl-kC]iridium(III), 95%

## Technical Notes:

- 1. Photosensitizer for the enantioselective coupling reaction between (N-arylamino)methanes and (N-methanesulfonyl)-aldimines catalyzed by *P*-Spiro chiral (arylamino)phosphonium catalyst
- 2. Photocatalyst for [2+2] styrene cycloadditions.
- 3. Photocatalyst for azoylation of trimethoxybenzene by via C-H functionalization.

Tech. Note (1)
$$Ref. (1)$$

$$Ref. (1)$$

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$$Ref. (1)$$

Ph Me 
$$\frac{1 \text{ mol}\% \text{ Ir}(\text{Fppy})_3}{\text{light, DMSO}}$$
 Ph Me Me Ref. (2) Ref. (2)

## References:

- 1. J. Org. Chem., 2016, 81, 6953.
- 2. Chem. Sci., 2016, 7, 6796.
- 3. Org. Lett., 2016, 18, 3996.