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Catalog # 93-8105 Thallium(I) ethoxide, min. 95%

Technical Notes:

- 1. Used in Pd-catalzyed Suzuki cross coupling reactions for a range of vinyl- and arylboronic acids with vinyl and aryl halides.
- 2. Used in the formation of epoxy diyne compounds from hydroxy sulfides.
- 3. Used for the preparation of a highly active Pd catalyst for the Stille coupling reaction of unreactive aryl, heteroaryl, and vinyl chlorides under mild conditions.
- 4. Used in Suzuki-Miyaura cross-coupling Reactions of variety of alkyl- and arylsubstituted alkenyl iodides.

References:

- 1. Org. Lett. 2000, 2, 2691.
- 2. J. Org. Chem. 2009, 74, 5861.
- 3. Adv. Synth. Catal. 2013, 355, 1729.
- 4. J. Org. Chem. 2014, 79, 140.