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Catalog # 15-1241 9,9-Dimethyl-4,5-bis(di-t-butylphosphino)xanthene, min. 97% t-Bu-XANTPHOS

Technical Notes:

- 1. Ligand used in the cobalt-catalyzed alkenylzincation of unfunctionalized alkynes.
- 2. Ligand used in the cobalt-catalyzed alkylboration of alkenes.
- 3. Ligand used in the palladium-catalyzed N-alkylation of amines using primary and secondary alcohols..
- 4. Ligand used in the palladium-catalyzed methylation of alkynyl C(sp)-H bonds with dimethyl sulfonium ylides.

References:

- 1. Angew. Chem. Int. Ed., 2016, 55, 336.
- 2. Angew. Chem. Int. Ed., 2015, 54, 12961.
- 3. ACS Catalysis, 2013, 3, 2536.
- 4. J. Org. Chem., 2013, 78, 10421.