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Catalog # 79-3615 Triphenylphosphinegold(I) bis(trifluoromethanesulfonyl)imidate, min. 98%

$$Ph_3P-Au-N$$
 SO_2CF_3 SO_2CF_3

Technical Notes:

- 1. Catalyst promoting the addition of nucleophiles to allenamides.
- 2. Gold- and Bronsted acid-catalyzed cycloisomerization of 1,8-diynyl vinyl acetates to bicycle[2.2.1]hept-2-en-7-ones.
- 3. Catalyst used for the synthesis of spiro[piperidine-3,3'-oxindoles].
- 4. Catalyst used in the gold(I)-catalyzed Rautenstrauch rearrangement.
- 5. Gold-catalyzed π-directed regioselective cyclization of bis(o-alkynyl benzyl alcohols): rapid excess to dihydroisobenzofuran derivatives
- 6. Gold compound used in acid-catalyzed cycloisomerization synthesis of diverse nitrogen-containing spiro heterocycles.
- 7. Gold catalyst used in the domino synthesis of functionalized benzofurans and tetracyclic isochromans via formal carboalkoxylation.

References:

- 1. *J. Org. Chem.*, **2010**, *75*, 5406. 2. *Org. Lett.*, **2016**, *18*, 5936. 3. *Adv. Synth. Catal.*, **2016**, *358*, 3355. 4. *Org. Lett.*, **2016**, *358*, 3655.
- New J.Chem., 2016, 40, 8211.
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- 7. Org. Lett., 2016, 18, 4136.