

Enantioselective Total Synthesis of (-)-Terengganensine A
Piemontesi, C.; Wang, Q.; Zhu, J. *Angew. Chem. Int. Ed.* 2016, 55,

Previous Isolation and Biological Activity

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- ...
- ...

Forward Synthesis



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CTAB = cetyltrimethylammonium bromide

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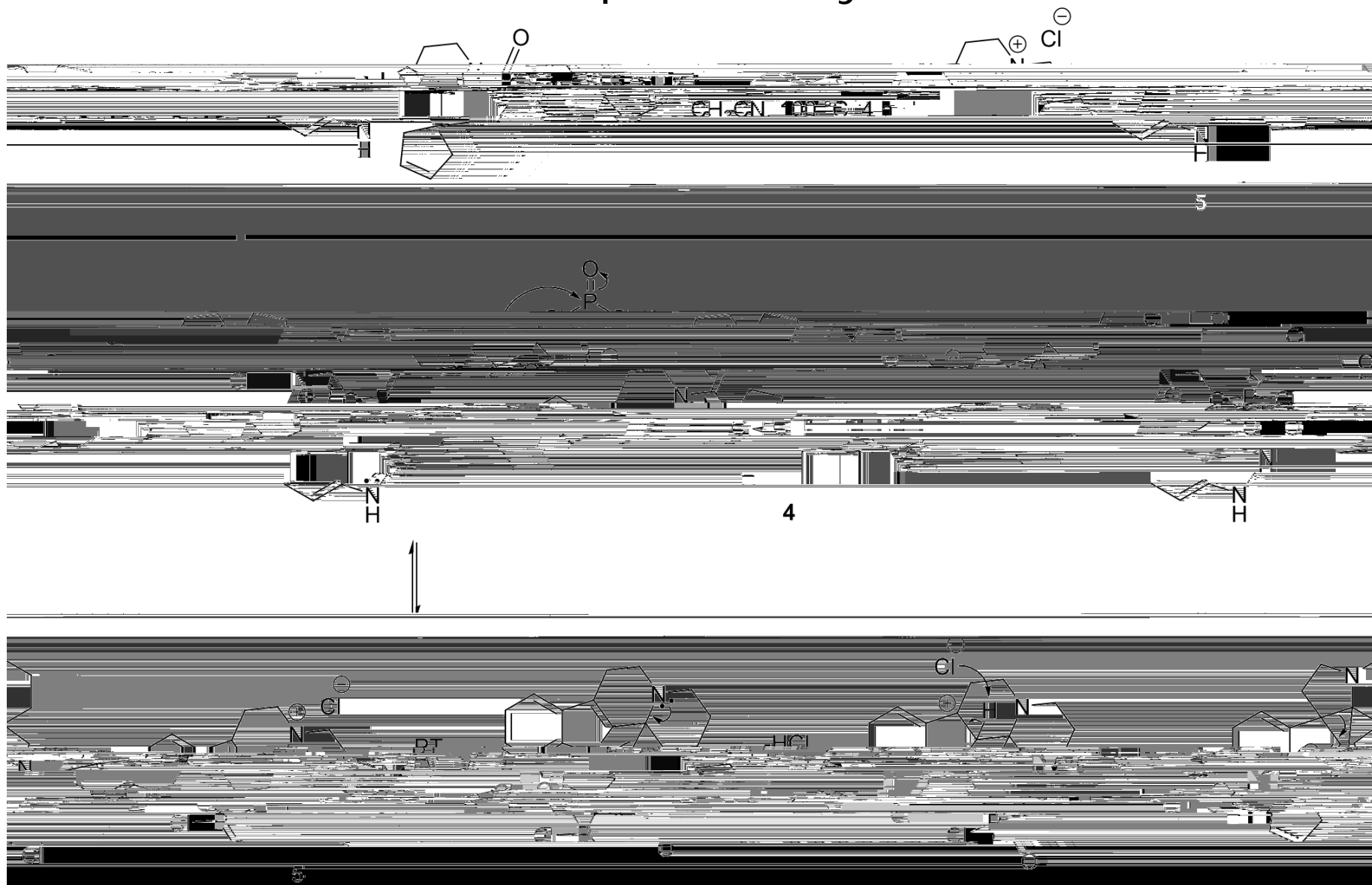
Evanno, L.; Ormalo, J.; Pihko, P. M. *Chem. Eur. J.* 2009, 15, 12963–12967.

Wang, F.; Liu, H.; Cun, L.; Zhu, J.; Deng, J.; Jian, Y. *J. Org. Chem.* 2005, 70, 9424–9429.

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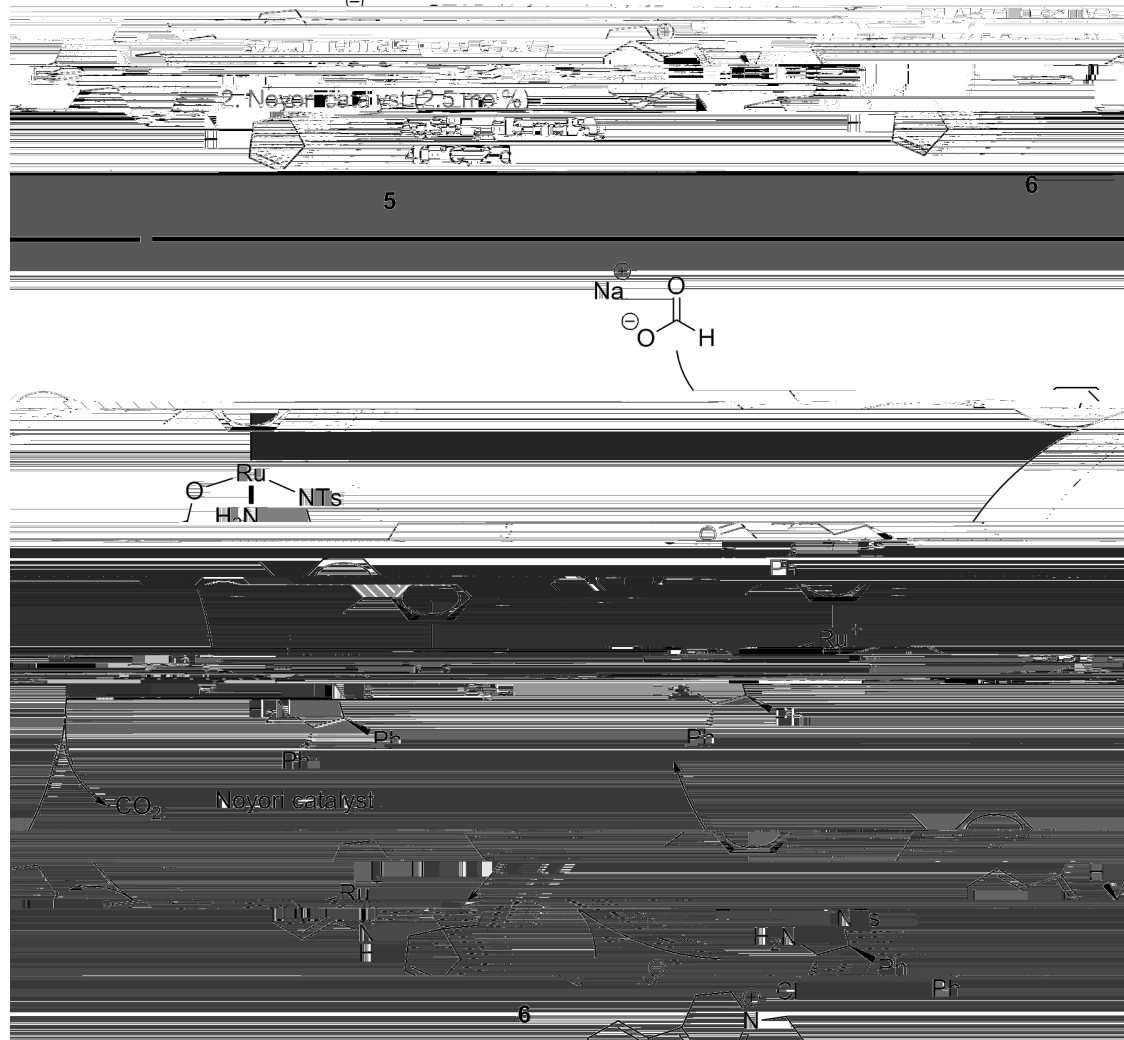
Mechanisms: Bischler-Napieralski Cyclization



Mechanisms: Noyori Catalytic Transfer Hydrogenation

1. Noyori catalyst (5 mol%)
AgSbF₆ (30 mol%)

2. Noyori catalyst (2.5 mol%)



Mechanisms: