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Enantioselective Synthesis of Cyclic Sulfamidates via Pd-Catalyzed Hydrogenation
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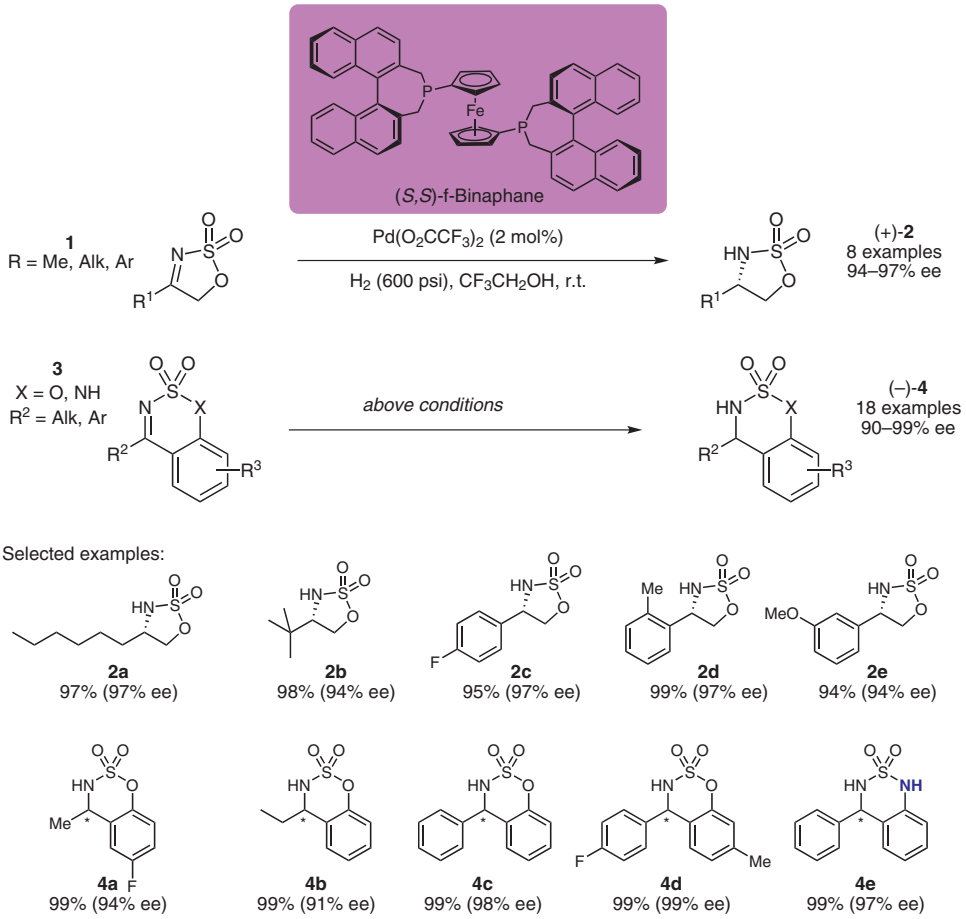
# Chiral Sulfamidates Preparation by Enantioselective Hydrogenation




**Significance:** Sulfamidates are generally prepared in many steps from the parent amino alcohols. An imine hydrogenation strategy makes access to chiral sulfamidates much simpler. The reaction was shown to tolerate a wide range of substituents. The cyclic imines subtrates are readily prepared by condensation the corresponding hydroxy ketones with $ClSO_2NH_2$. The free amines can be generated by reduction with $LiAlH_4$.

**Comment:** The hydrogenation of the activated imines expands the method developed previously by the same group with sulfonylimines (*J. Org. Chem*. **2007**, *72*, 3729). The present approach is more attractive from a synthetic point of view, because of the versatility of the 1,2- and 1,3-cyclic sulfimidates products.

**Review:** R. E. Meléndez, W. D. Lubell *Tetrahedron* **2003**, *59*, 2581-2616.

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