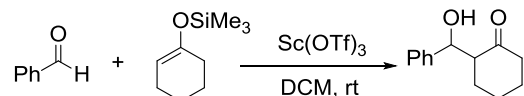


Catalog # 21-2000 Scandium(III) trifluoromethanesulfonate, min. 97% (Scandium triflate)

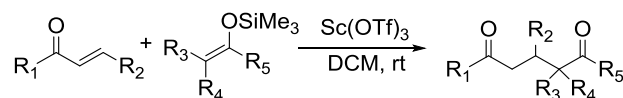
Technical Notes:

1. Water tolerant Lewis acid.
2. Commonly used in a range of Lewis acid catalyzed reactions.
3. Efficient metal source for Lewis acid catalyzed asymmetric reactions.
4. Catalyzes Friedel-Crafts alkylation, acylation and related reactions.
5. Catalyzes various domino- and multi-component processes.
6. Catalyzes electrophilic additions of alpha-diazoesters with ketones.
7. Catalyzes carbon insertion reactions.

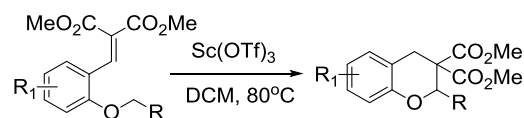
Aldol-type reactions



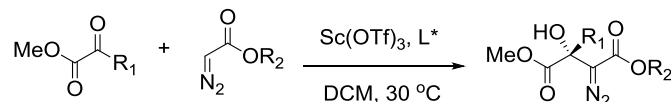
Michael Reactions



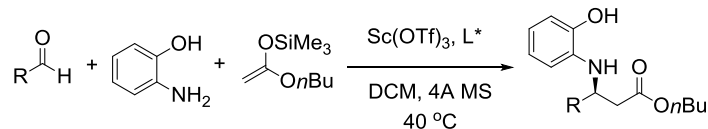
Hydride transfer



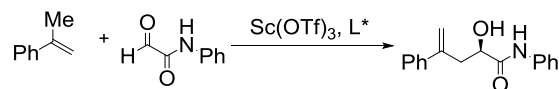
Enantioselective Aldol



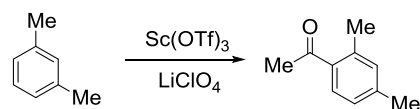
Enantioselective Mannich



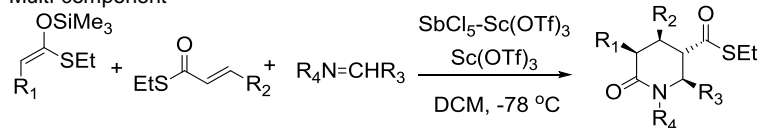
Enantioselective Ene Reaction



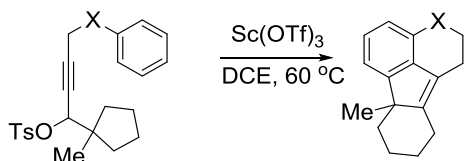
Friedel-Crafts



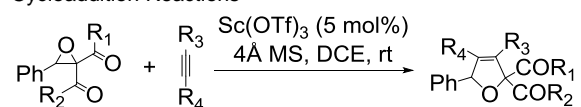
Multi-component



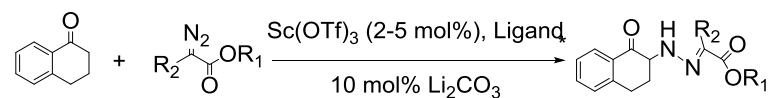
### Domino reactions



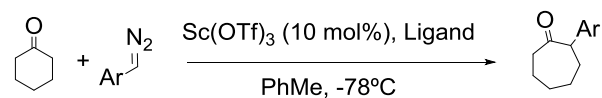
### Cycloaddition Reactions



### Enantioselective Electrophilic Diazoester Addition



### Carbon Insertion



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