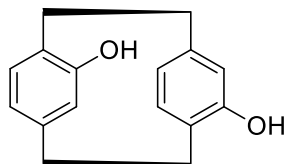
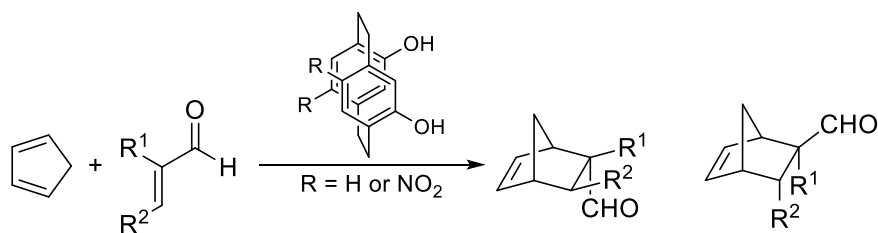


Catalog # 08-0710 (R)-4,12-Dihydroxy[2.2]paracyclophane (R)-PHANOL

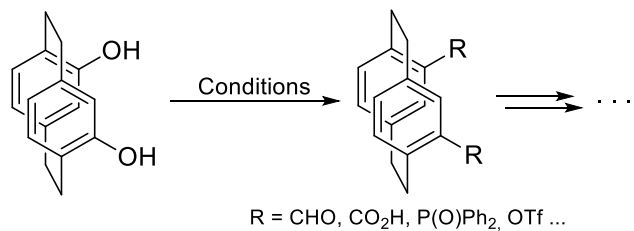


Technical Notes

1. Organocatalysts for the Diels-Alder reaction via double hydrogen-bonding to a carbonyl group.
2. Used for synthesis of various functionalized [2.2]paracyclophanes.



Tech. Note (1); Ref. (1, 2)



Tech. Note (2); Ref. (3-5)

References:

1. *Synlett* **2003**, 8, 1121.
2. *Adv. Synth. Catal.* **2004**, 346, 1117.
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4. *Chem. Asian J.* **2016**, 11, 2524.
5. *Chem. Asian J.* **2019**, 14, 1681.