

07-1718 (8α, 9S)-10,11-Dihydro-6'-methoxycinchonan-9-amine hydrochloride, min. 90%
 $C_{20}H_{27}N_3O \cdot HCl$; FW: 361.91; white to off-white powdr.
 (store cold); spec. rotation +15.0° (c=1.0, H₂O)

100mg
500mg

Technical Note:

1. Chinchona alkaloid derivative that promotes high enantioselective.

Reference:

1. *Adv. Synth. Catal.*, **2011**, 353(18), 3403.

07-1722 (9R)-10,11-Dihydro-6'-methoxycinchonan-9-amine trihydrochloride, min. 90%
 [931098-92-9]
 $C_{20}H_{27}N_3O \cdot 3HCl$; FW: 434.83; white to off-white powdr.
 (store cold); spec. rotation +5.2° (c=1.0, H₂O)

100mg
500mg

Technical Note:

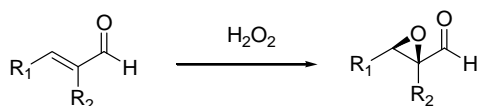
1. See 07-1710.

07-1710 (8α, 9S)-6'-Methoxycinchonan-9-amine trihydrochloride, min. 90% [1231763-32-8]
 $C_{20}H_{25}N_3O \cdot 3HCl$; FW: 432.81; pale yellow powdr.
 (store cold); spec. rotation +59.4° (c=1.0, H₂O)

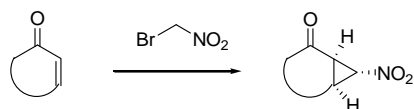
100mg
500mg

Technical Notes:

1. Aza-Michael reactions on α,β-unsaturated ketones.
2. Epoxidation of α,β-unsaturated ketones.
3. Epoxidation of α,β-unsaturated aldehydes.
4. Nitrocyclopropanation of α,β-unsaturated ketones.
5. Diels-Alder reaction.
6. Intramolecular aldolization of diketones.
7. Friedel-Crafts alkylation of indoles with α,β-unsaturated ketones.
8. Friedel-Crafts/amination cascade reactions with α-substituted α,β-unsaturated aldehydes.
9. Aziridination of acyclic α,β-unsaturated ketones.
10. Aziridination of cyclic α,β-unsaturated ketones.
11. Double Michael cascade process.
12. α-fluorination of cyclic ketones.



Tech. Note (3)
Ref. (3)



Tech. Note (4)
Ref. (4)

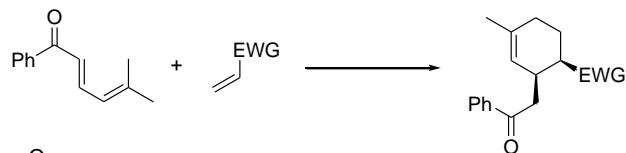
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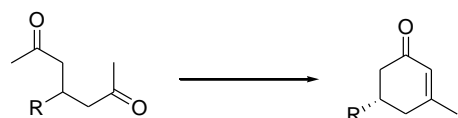
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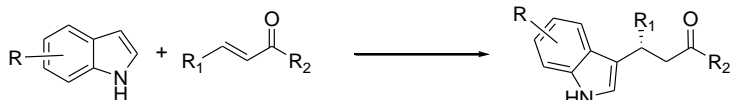
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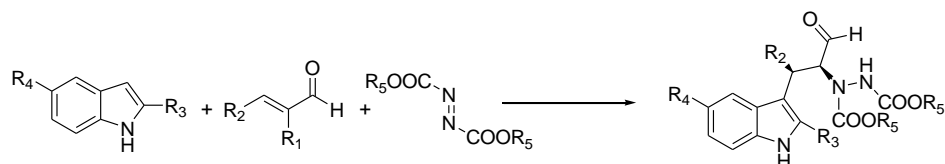
Tech. Note (5)
Ref. (5)



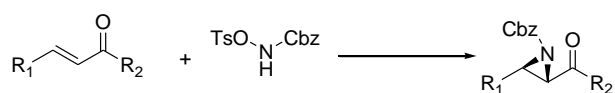
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Ref. (6)



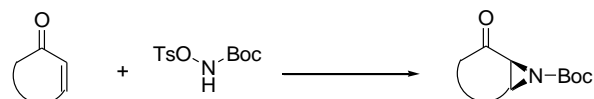
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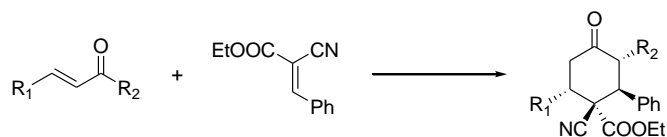
Tech. Note (8)
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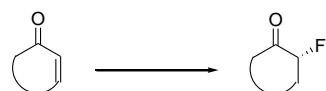
Tech. Note (9)
Ref. (9)



Tech. Note (10)
Ref. (10)



Tech. Note (11)
Ref. (11)



Tech. Note (12)
Ref. (12)

References:

1. *Angew. Chem. Int. Ed.*, **2008**, 47, 7710.
2. *J. Am. Chem. Soc.*, **2008**, 130, 8134.
3. *J. Am. Chem. Soc.*, **2010**, 132, 10227.
4. *Chem. Eur. J.*, **2009**, 15, 972.
5. *Angew. Chem. Int. Ed.*, **2012**, 51, 4401.
6. *Angew. Chem. Int. Ed.*, **2008**, 47, 7656.
7. *Org. Lett.*, **2007**, 9, 1403.
8. *Chem. Int. Ed.*, 2009, 48, 7892.
9. *Angew. Chem. Int. Ed.*, **2008**, 47, 8703.
10. *Chem. Asian J.*, **2010**, 5, 1652.
11. *Angew. Chem. Int. Ed.*, **2009**, 48, 7196.
12. *J. Am. Chem. Soc.*, **2011**, 133, 1738.

07-1715 (9R)-6'-Methoxycinchonan-9-amine trihydrochloride, min. 90%
C₂₀H₂₅N₃O·3HCl; FW: 432.81; white to off-white powdr.
(store cold)

100mg
500mg

Technical Note:

1. See 07-1710.

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