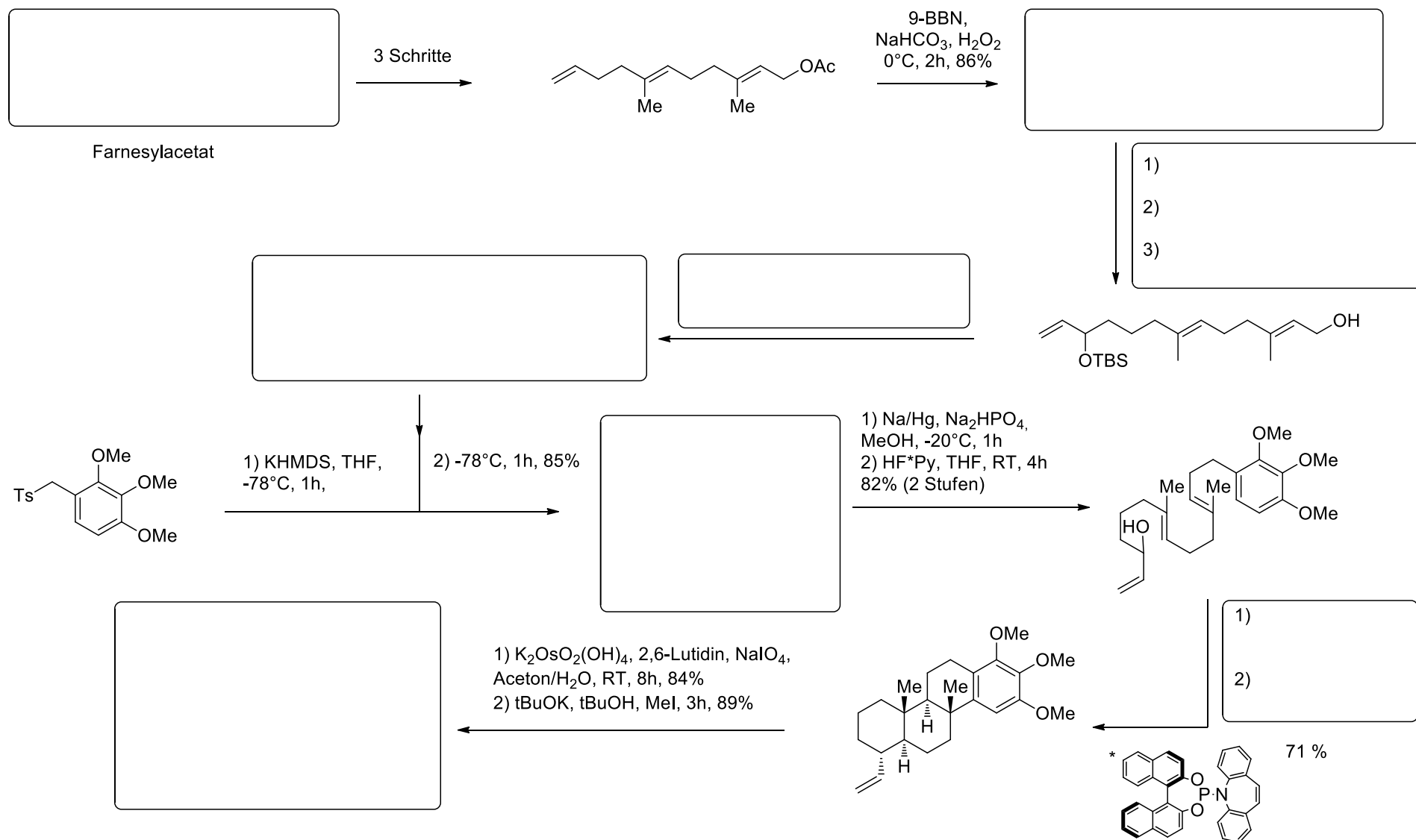
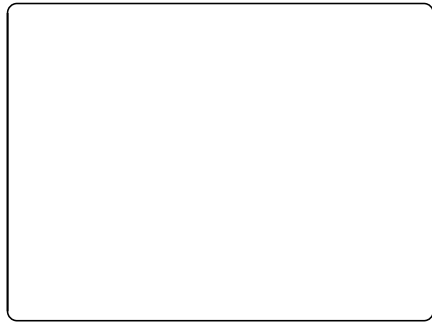


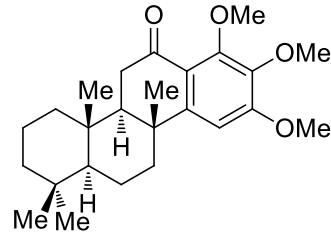
Totalsynthese von Mycoleptodiscin A (Syntheseseminar 6.05.2015)

S. Zhou, H. Chen, Y. Luo, W. Zhang, A. Li, *Angewandte Chemie International Edition* **2015** (Early View)

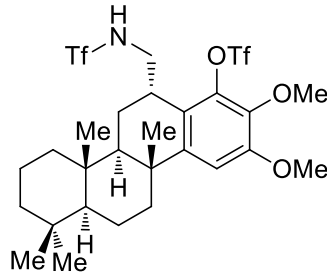
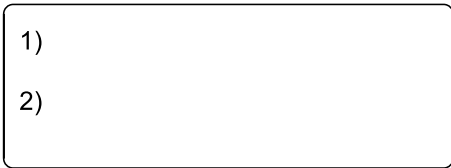




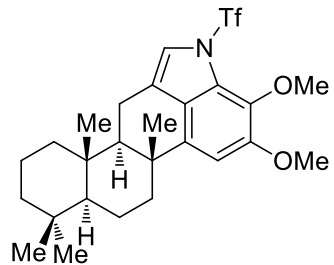
1) N_2H_4 , Ethylenglycol, 160°C , 2h
dann: KOH , 180°C , 4h, 81%
2) CrO_3 , 0°C , 1h, 85%



1) AlCl_3 , DCM , RT, 2h, 87%
2) NaBH_4 , MeOH , DCM , 0°C , 30 min, 92%
3) TMSCN , InCl_3 , TMSBr , MeCN , RT, 1h, 89%

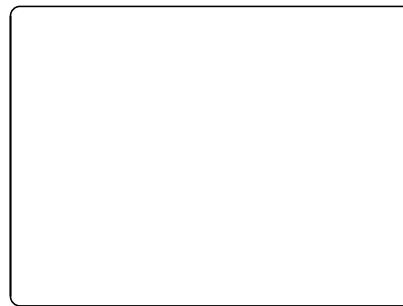


73% (2 Stufen)



1) BBr_3 , DCM , $-78^\circ\text{C} \rightarrow \text{RT}$
2) Mg , NH_4Cl , MeOH ,
Ultraschall, Luft

89% (2 Stufen)



Mycoleptodiscin A