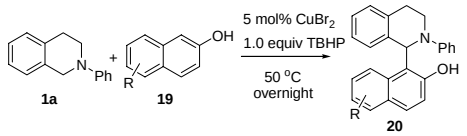
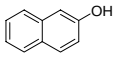
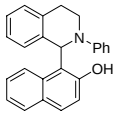
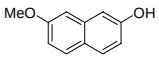
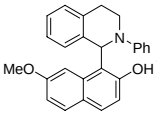
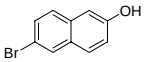
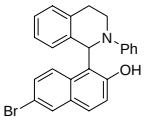
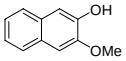
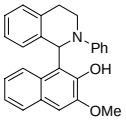
Table 8. CDC Reaction of Tetrahydroisoquinoline with 2-Naphthol Derivatives[a]



1a **19** **20**

entry	**19**	product **20**		yield[b]
1			**20a**	72 (53)
2			**20b**	74 (63)
3			**20c**	61 (49)
4			**20d**	69 (55)

[a]Tetrahydroisoquinoline (0.2 mmol), 2-naphthol derivatives (0.1 mmol), TBHP (0.2 mmol, 5.5 M in decane), and $CuBr_2$ (5 mol%). [b] NMR yields are based on 2-naphthol derivatives and determined by ^1H NMR using an internal standard; isolated yields are given in parentheses.