Synthesis of a Spirocyclic Indoline-Lactone

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Supporting Information

General Methods	S-2
NMR Spectra	
13a, 13b	S-3, S-4
14a, 14b	S-5, S-6
16a-d	S-7 to S-11
17 & related glycol	S-12, S-13
18, 18a, 18b	S-14 to S-18
HPLC Data	
18, 18a, 18b	S-19 to S-21

General Methods.

Reactions were carried out under N₂ atmosphere. Poly(vinylpyridine)-2% crosslinked, anhydrous THF, 1M KO*t*-Bu in THF, and OsO₄ in *t*-BuOH were purchased from The Aldrich Chemical Co. (www.sial.com). PS-trisamine and PS-DIEA were purchased from Argonaut Technologies (www.argotech.com). ¹H-NMR data are reported in ppm (δ) downfield from TMS. Flash chromatography was carried out in a Biotage apparatus, using Biotage KP-Sil cartridges (25 x 75 mm or 25 x 150 mm, www.dyax.com/biotage.asp).

S-3

13a (CDCl₃)

14a (CDCl₃)

14b (CDCl_3)

17 (CDCl₃)
crude

S-13

18b

Hodges, AD
Operator:

29-May-2003
Laboratory: Disc. Tech., AA
Conditions:

Instrument: Hitching
Cone:

052903b

2: Diode Array
254
5.19e5

S-19

S-20

Hodges #1, PP
Operator:

29-May-2003
Laboratory: Disc. Tech., AA
Conditions:

Instrument: Hitching
Cone:

052903h

1: Scan AP+
322
5.20e4

052903h

2: Diode Array
254
1.32e5

052903h

1: Scan AP+
TIC
2.78e5

S-21

Hodges #2, PP
Operator:

29-May-2003
Laboratory: Disc. Tech., AA
Conditions:

Instrument: Hitching
Cone:

1: Scan AP+
322
3.02e4

052903i

052903i

2: Diode Array
254
1.22e5

052903i

1: Scan AP+
TIC
2.57e5