Supporting Information

**Efficient Synthesis of
Medium-size Cyclic
Ether Diamines**

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5a

¹³C NMR (DMSO-d₆)
(S = solvent)

5b

¹H NMR (DMSO-d₆)

(S = solvent)

(X = water)

(D = DMF)

5b

^{13}C NMR (DMSO- d_6)
(S = solvent)

5c

¹³C NMR (DMSO-d₆)
(S = DMSO-d₆)

S-7

Method A

2a

¹³C NMR (CD₃OD)
(S = solvent)

¹H NMR (CDCl₃-acetone-d₆)
 (S1 = CDCl₃)
 (S2 = acetone-d₆)
 (X = water)
 (E = ethyl acetate)

5a

¹³C NMR (DMSO-d₆)
(S = solvent)