Supporting Information for

Regio-, and Stereoselective Synthesis of Aminoinositols and 1,2-Diaminoinositols from Conduritol B Epoxide

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General methods: Solvents were distilled prior to use and dried by standard methods. Melting points are uncorrected. FT-IR spectra are reported in cm^{-1} . ^1H and ^{13}C NMR spectra were obtained in CDCl_3 solutions at 500 MHz or 300 MHz (for ^1H) and 125 or 75 MHz (for ^{13}C), respectively, unless otherwise indicated. Chemical shifts were reported in delta (δ units, parts per million (ppm) relative to the singlet at 7.24 ppm of CDCl_3 for ^1H and in ppm relative to the center line of a triplet at 77.0 ppm of CDCl_3 for ^{13}C . Electrospray mass spectra were obtained by HPLC-MS, using a mixture of 10mM ammonium formate/acetonitrile (25/75) at 0.5mL/min as mobile phase. Samples were analyzed by FIA (flow inject analysis). *Caution: Reaction with azides should only been attempted by technically qualified persons who are fully familiar with the safe handling of these reagents.*

Copies of ^1H (and ^{13}C) spectra for compounds (page number)

Comp	^1H	^{13}C	Comp	^1H	^{13}C	Comp	^1H	^{13}C
10a	S2	S3	24	S29	S30	38	S56	S57
10b	S4	S5	25	S31	---	39	S58	S59
11	S6	S7	26	S32	S33	40	S60	S61
12	S8	---	27	S34	S35	41	S62	S63
12b	S9	---	28	S36	S37	42	S64	---
13	S10	S11	29	S38	S39	43	S65	---
14	S13	S12	30	S40	S41	1	S66	---
15	S14	S15	31	S42	S43	2	S67	---
16	S16	S17	32	S44	S45	3	S68	---
17	S18	S19	33	S46	S47	4	S69	---
18	S20	S21	34	S48	S49	5	S70	---
19	S22	---	35 (*)	S50	S51	8	S71	---
21	S23	S24	36	S52	S53			
22	S25	S26	37	S54	S55			
23	S27	S28						

(*) Copies of 2D experiments for **35**: S72 to S75

13

18

S20

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2D experiments from **35**

Noesy