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Regio- and Stereoselective Synthesis of Aminoinsitols and 1,2-Diaminoinsitols from Conduritol B Epoxide.

Page 7835. The experimental protocol published for the synthesis of **10a** is incorrect and should be substituted with the following description.

(1RS,2RS,3SR,4RS,5RS,6SR)-2-Azido-3,4,5,6-tetrakisbenzyloxycyclohexanol (10a). A solution of the starting epoxide **9** (500 mg, 0.96 mmol) in CH₃CN (10 mL) was slowly added dropwise under argon at rt over previously dried LiClO₄ (2.47 g, 23.2 mmol). A solution of 624 mg (9.6 mmol) of NaN₃ in CH₃CN (2 mL) was next added, and the reaction mixture was stirred at 80 °C under argon. After 18 h, the reaction mixture was cooled to rt, quenched with H₂O (10 mL), extracted with CH₂Cl₂ (3 × 20 mL), and dried over anhyd Na₂SO₄. Filtration and evaporation afforded crude azido alcohol, which was purified by filtration through a plug of silica and elution with hexanes/EtOAc (1:1) to afford 492 mg (0.87 mmol, 91%) of **10a**: IR (film) 3331, 3057, 2107, 1489, 1457, 1359; ¹³CNMR (75 MHz) 66.4, 72.6, 75.7, 75.9, 75.8, 76.0, 81.1, 82.4, 82.6, 83.4, 127.6–128.5, 137.5–138.1; ¹HNMR (300 MHz) 3.40–3.44 (m, 4H), 3.50–3.69 (m, 2H), 4.75–4.96 (m, 8H), 7.26–7.35 (m, 20H). Anal. Calcd for C₃₄H₃₅N₃O₅: C, 72.19; H, 6.24; N, 7.43. Found: C, 72.23; H, 6.22; N, 7.39.

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