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supplementary Information

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$^1$H NMR, δ ppm (400 CDCl₃): 2.10 (m, 1H), 2.15 (m, 1H), 2.28 (m, 2H), 2.40 (m, 2H), 2.89 (m, 2H), 3.20 (m, 4H), 3.46 (m, 2H), 3.64 (m, 2H), 5.40 (m, 2H), 5.56 (m, 2H).
$^{13}$C NMR, δ ppm (400 CDCl$_3$): 31.9, 37.6, 43.0, 47.4, 52.9, 54.1, 60.6, 129.1, 133.5, 196.6, 197.4.
MS (m/z) (relative intensity): 348.3 (95), 320.3 (76), 292.3 (51), 264.3 (29), 213.2 (22), 198.2 (22), 169.2 (27), 155.2 (42), 115.1 (58), 91.1 (76), 66.1 (27).