Supplementary Information

Total Synthesis of Fully Lipidated Glycosylphosphatidylinositol Anchors of *Toxoplasma gondii*

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General Information: $^1$H, $^{13}$C and $^{31}$P NMR spectra were recorded on a Varian Mercury 300 (300 MHz) or Varian Gemini 300 (300 MHz) spectrometer in CDCl$_3$ with chemical shifts referenced to internal standards CDCl$_3$ (7.26 ppm $^1$H, 77.0 ppm $^{13}$C) unless noted otherwise. $^{31}$P spectra are reported in δ value relative to H$_3$PO$_4$ (0.0 ppm) as an external reference. High-resolution mass spectral analyses (ESI or MALDI) were performed by the MS-service at the Laboratorium für Organische Chemie at ETH Zürich.