



Additional File 2: One-dimensional ¹H NMR spectrum of A) an artemether standard, B) a lumefantrine standard, and C) Coartem, a coformulated ACT, containing both artemether and lumefantrine. The different spectra demonstrate the unique peaks that occur for each compound, and the fact that these are identifiable even when in combination. Artemether-specific peaks are visible in the range around 2ppm and between 3ppm and 4ppm, while lumefantrine-specific peaks are visible in the range between 7ppm and 8ppm.