Withaferin A and Sanguinarine Combination A Sanguinarine Viabili**ty** 10 Withaferin A Concentration (μ M) Excess over CDA and 8 10 -10 -20 Observed Withaferin A 0.1 GoF p-value = 0.008; ρ = -0.03 2.48 0.1 10 100 Sanguinarine Concentration (μ M) Estimate for Withaferin A and Sanguinarine Viability **Mitoxanthrone and Mefloquine Combination** C and Mefloquine Viability 08 051 Concentration (µM) **Excess over CDA** 0.48 Observed Mitoxanthrone -5 -10 -15 Mitoxanthrone 0.1 0.05 0.004 GSF p-value = 0.691; ρ = -0.14 Mefloquine Concentration (μ M) 0.48 Estimate for Mitoxanthrone and Mefloquine Viability Withaferin A and Emetine Combination Ε and Emetine Viability **4** 10 Withaferin A Concentration (μ M) **Excess over CDA** 20 10 0 -10 -20 Observed Withaferin A 0.1 GoF p-value = 0.241; ρ = -0.04 Emetine Concentration (μ M) 0.024 0.05 10 Estimate for Withaferin A and Emetine Viability