

Supplementary Table 6. Dissociation constant resulted from surface plasmon resonance analyses (in PBS running buffer)

	MBP ^a	<i>Pf</i> ERC
N-89	N. D. ^b	4.3×10^{-3} (M)
N-251	N. D. ^b	N. D. ^b
Artemisinin	N. D. ^b	N. D. ^b

^aMaltose binding protein

^bNot determined

SPR analyzes were carried out using ProteOn XPR36 (Bio-Rad). *Pf*ERC or MBP (Maltose binding protein) was immobilized to the GLH sensor chip (Bio-Rad) by amine coupling chemistry. Each endoperoxides (N-89, N-251, and artemisinin) were diluted in PBS running buffer (containing 0.1% Tween20 and 10% DMSO), and injected at a rate of 50 μ L/min for 1 min.