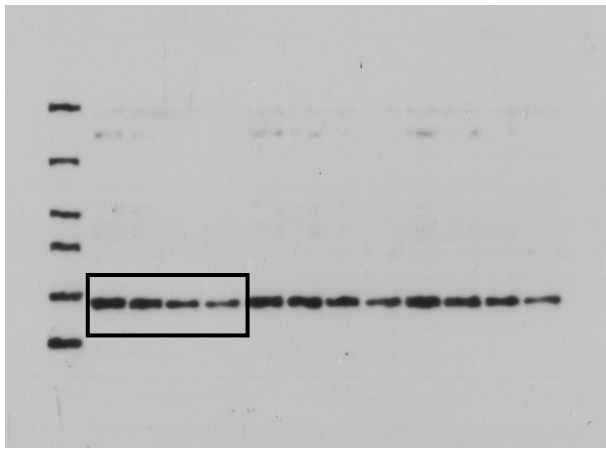


Artesunate induces tumor cell cycle arrest in the G0/G1 phase by targeting cyclin-dependent kinase 4 (CDK4)

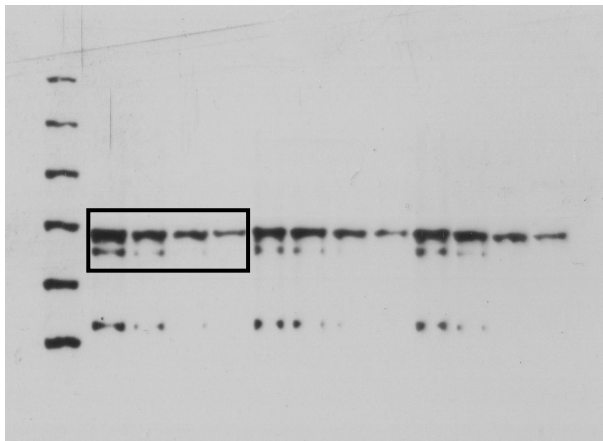
Supplementary information

Figure S1. Western Blot assay on A549 cell line.

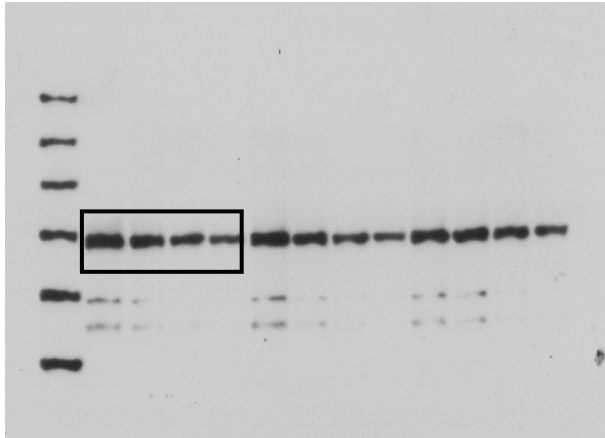
A. Cyclin D1



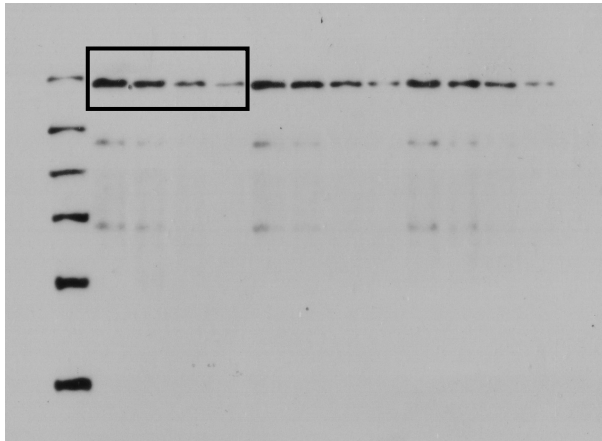
B. E2F1



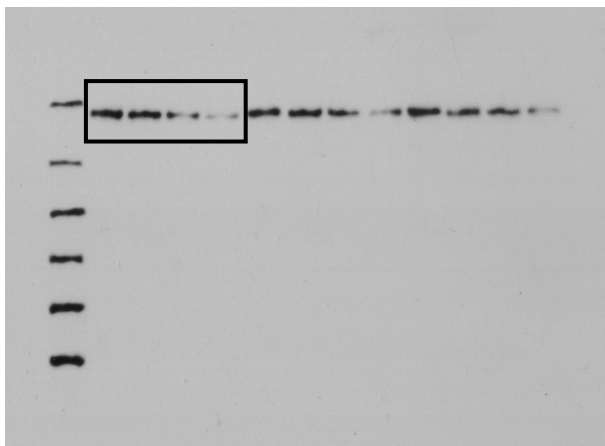
C. p-E2F1^{S364}



D. p-RB^{Thr821}



E. RB



F. β -Tubulin

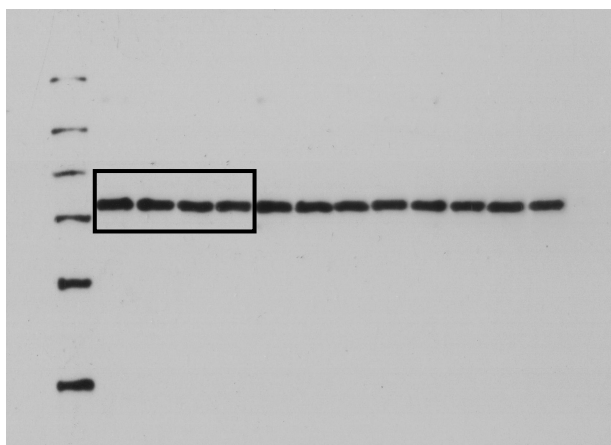
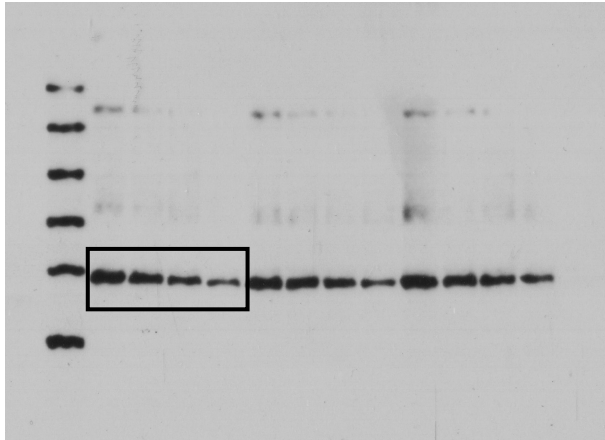
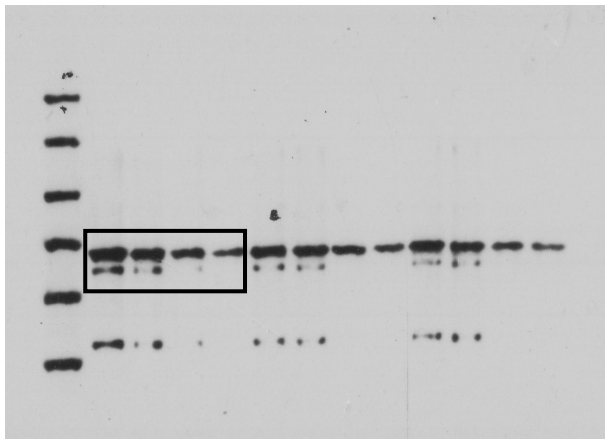


Figure S2. Western Blot assay on H1299 cell line.

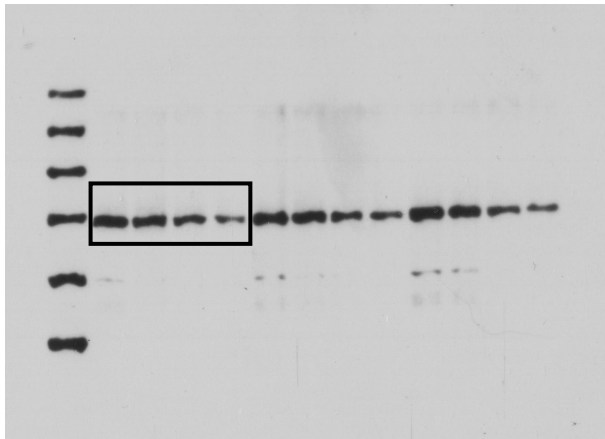
A. Cyclin D1



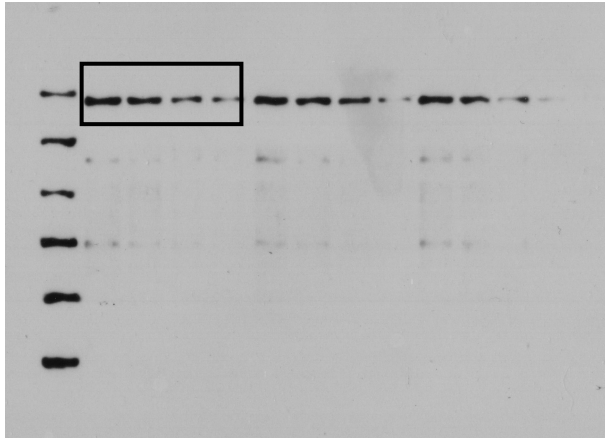
B. E2F1



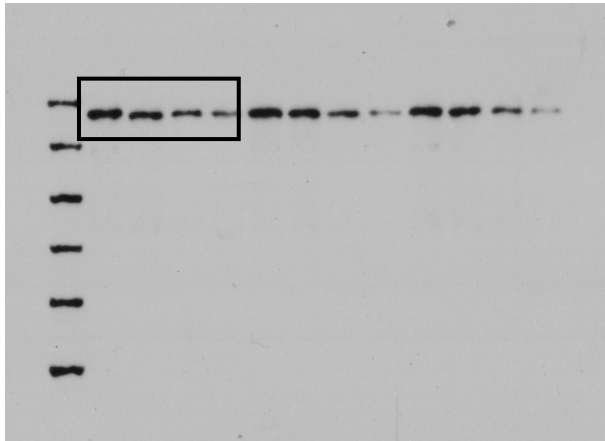
C. p-E2F1^{S364}



D. p-RB^{Thr821}



E. RB



F. β -Tubulin

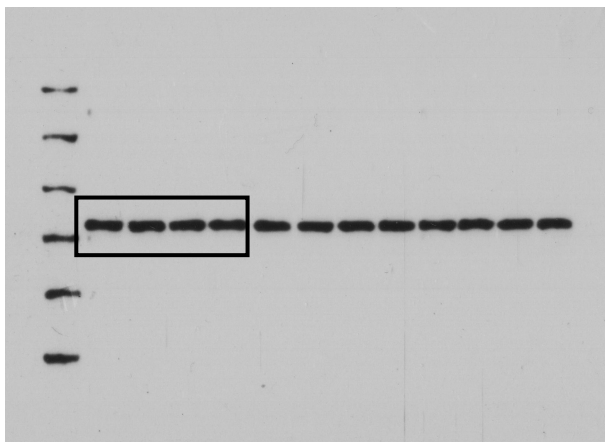


Figure S3. ^1H NMR spectrum of Artesunate-biotin

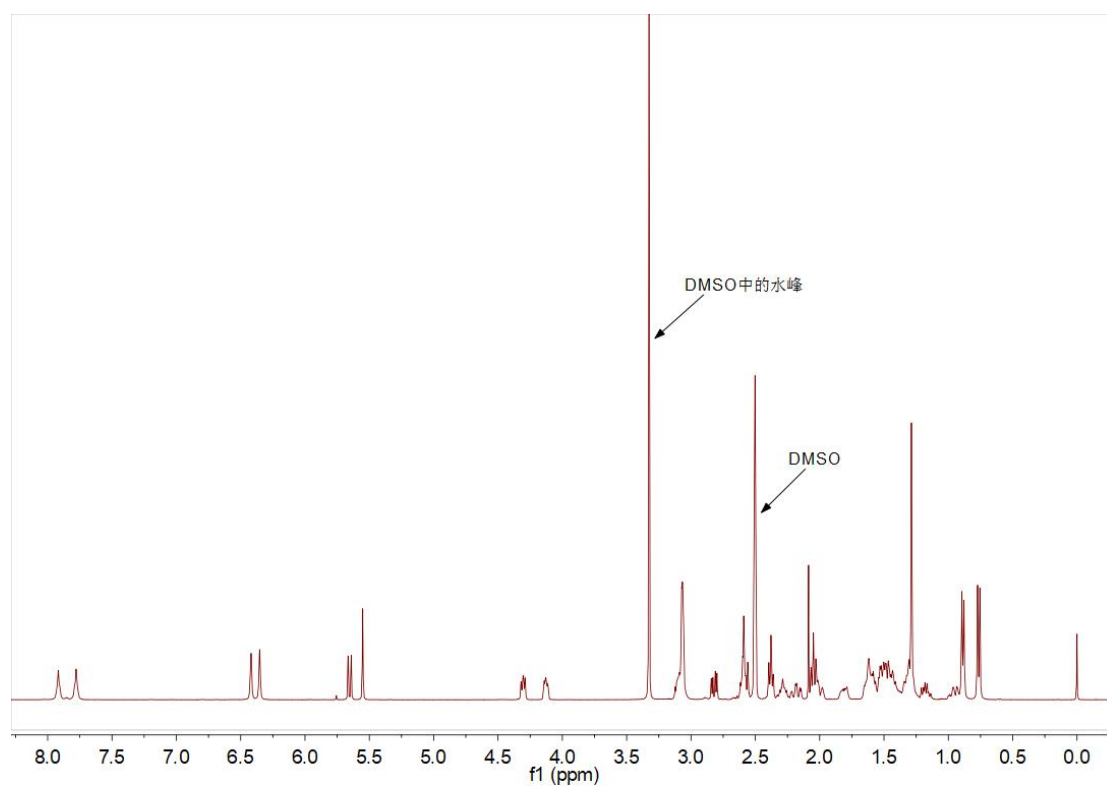
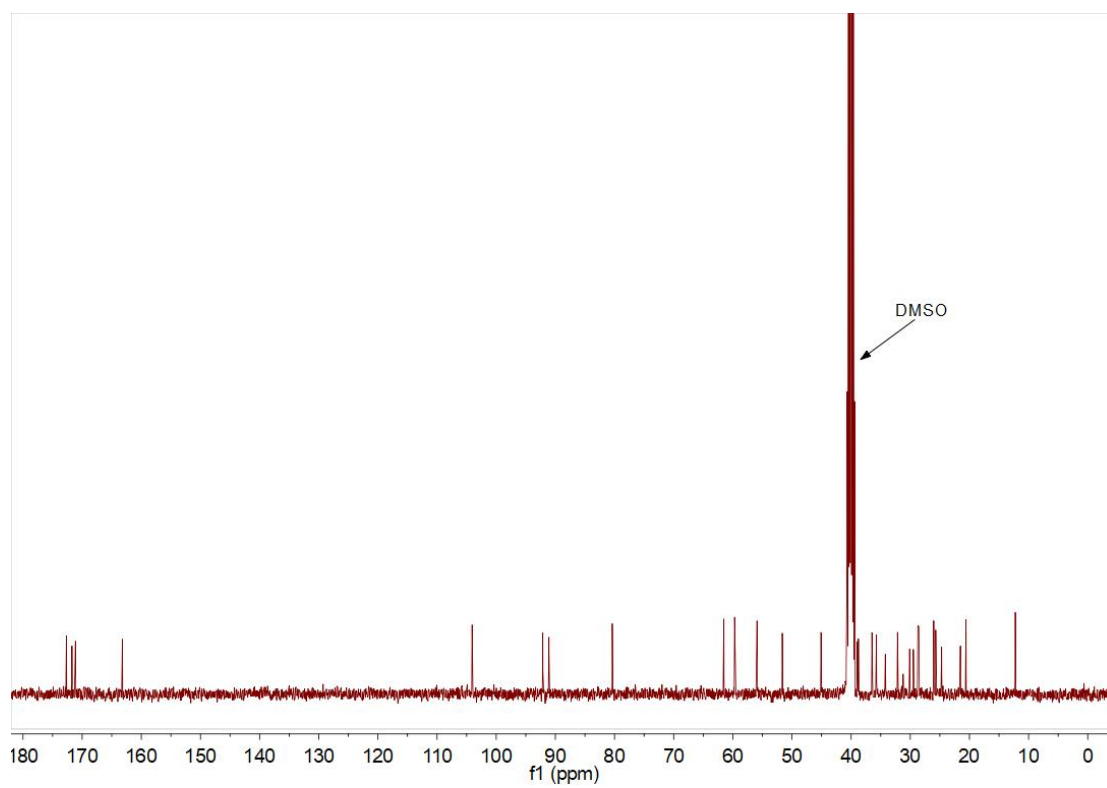


Figure S4. ^{13}C NMR spectrum of Artesunate-biotin



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