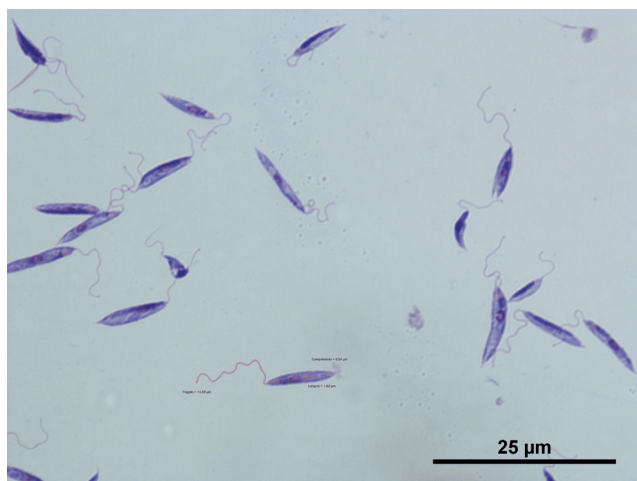
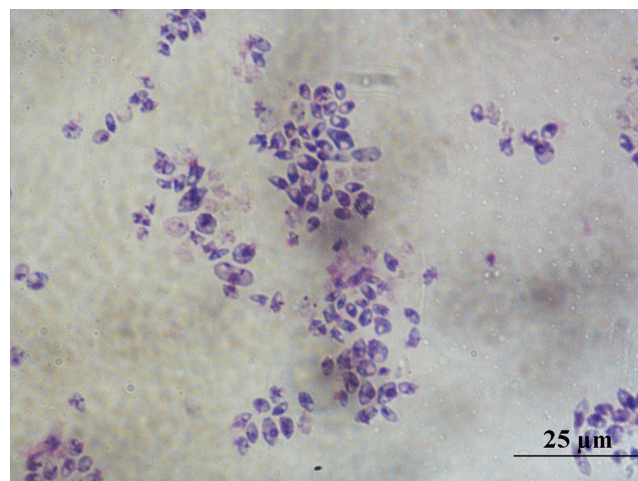


SUPPLEMENTARY MATERIAL



a)



b)

Figure S1. Obtaining axenic amastigote forms. The culture of axenic amastigotes was obtained from an early stationary phase culture of *Leishmania amazonensis* promastigotes observed under light microscopy. (a) Promastigotes form in stationary phase; (b) Forms amastigote on day 4 of culture without externalized flagellum—reference bar: 25 μm.

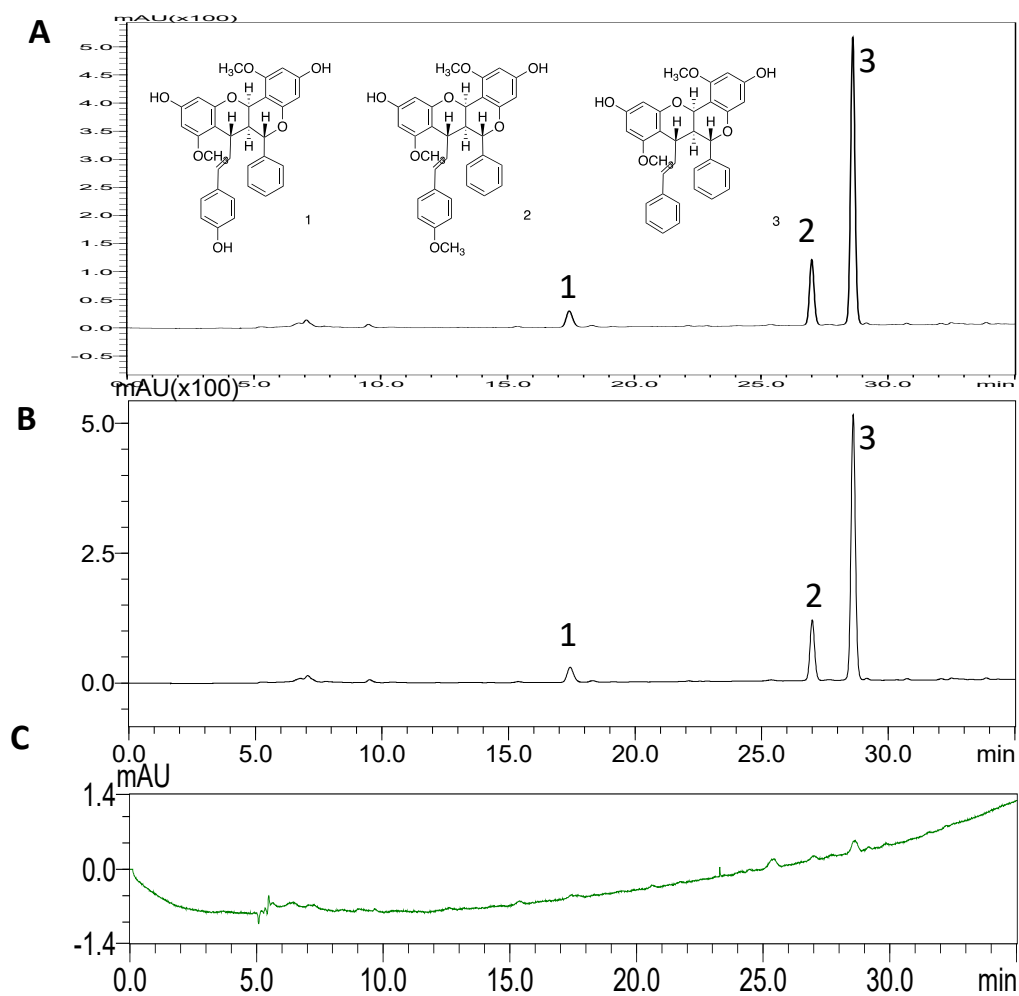


Figure S2. Chromatographic profile of DCMF (A), ZNP-DCMF (B) and ZNP-WHITE, obtained by HPLC-PDA, and chemical structure of the compounds brachydin A (1), brachydin B (2) and brachydin C (3).

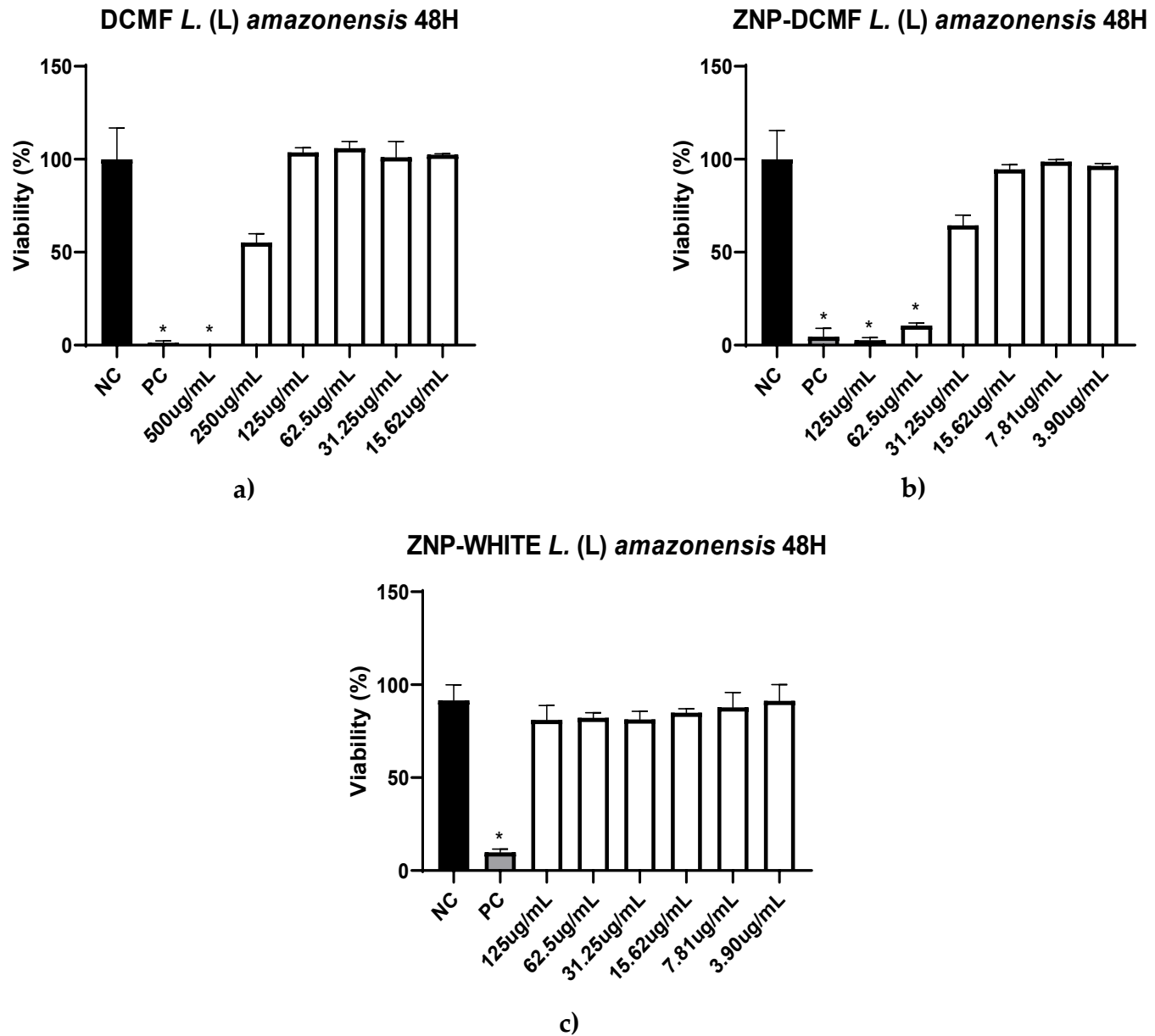
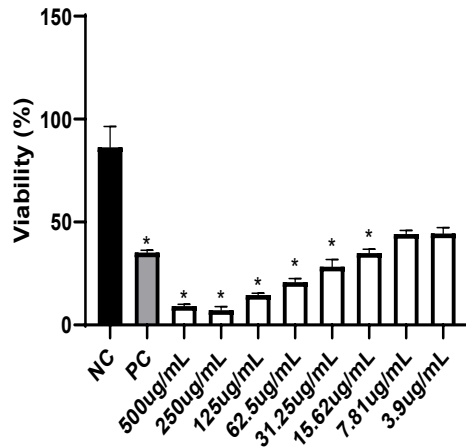


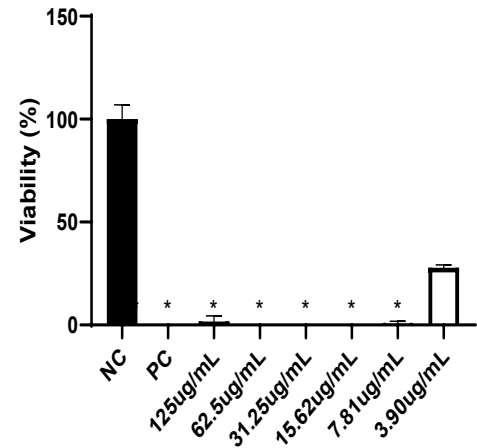
Figure S3. Viability of *L. (L) amazonensis* promastigotes forms treated for 48 h with DCMF (a) ZNP-DCMF (b) and ZNP-WHITE (c). NC = negative control; PC= positive control; *Asterisks indicate statistically significant differences with the negative control at $p < 0.05$.

DCMF *L. (L) amazonensis* 48H (axenic amastigotes)



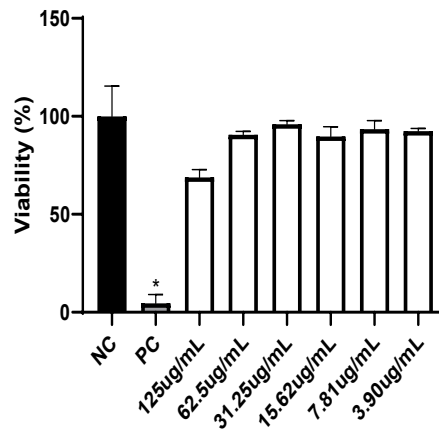
a)

ZNP-DCMF *L. (L) amazonensis* 48H (axenic amastigotes)



b)

ZNP-WHITE *L. (L) amazonensis* 48H (axenic amastigotes)



c)

Figure S4. Viability of axenic *L. (L) amazonensis* amastigote forms treated for 48 h with DCMF (a) ZNP-DCMF (b) and ZNP-WHITE (c). NC = negative control; PC= positive control; *Asterisks indicate statistically significant differences to the negative control at $p < 0.05$