

# Peptide Dimerization as a Strategy for the Development of Antileishmanial Compounds

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## Support information

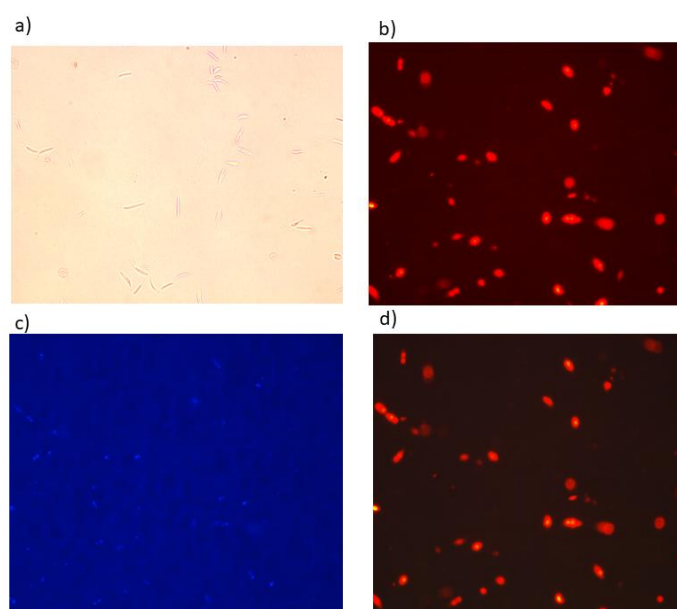


Figure S1: Promastigotes of *L. mexicana* at a concentration of  $1 \times 10^7$  cells/mL treated with  $2.5 \mu\text{mol L}^{-1}$  of the Amp B for 24 h in a) cells without marking; b) *L. mexicana* labeled with  $40 \mu\text{g mL}^{-1}$  of propidium iodide for 5 min; c) *L. mexicana* labeled  $5 \mu\text{g mL}^{-1}$  of Hoesch for 5 min; d) Merge of the two markings.

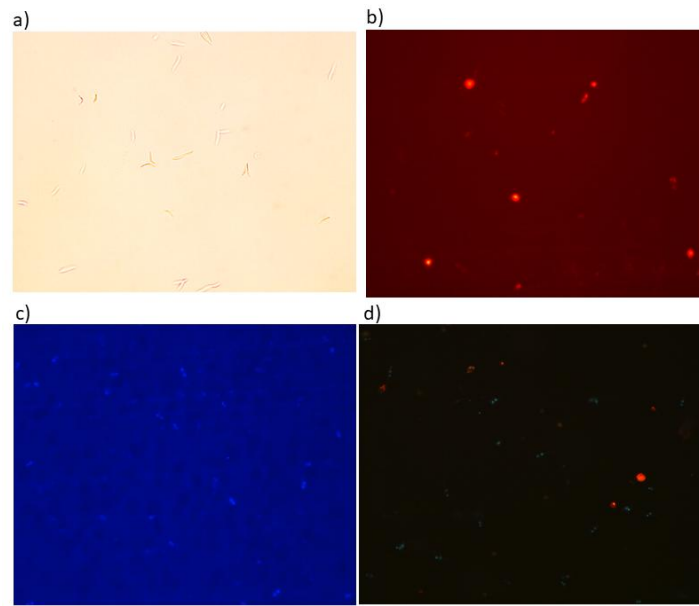


Figure S2: Promastigotes of *L. mexicana* at a concentration of  $1 \times 10^7$  cells/mL treated with  $1.25 \mu\text{mol L}^{-1}$  of the Amp B for 24 h in a) cells without marking; b) *L. mexicana* labeled with  $40 \mu\text{g mL}^{-1}$  of propidium iodide for 5 min; c) *L. mexicana* labeled  $5 \mu\text{g mL}^{-1}$  of Hoesch for 5 min; d) Merge of the two markings.

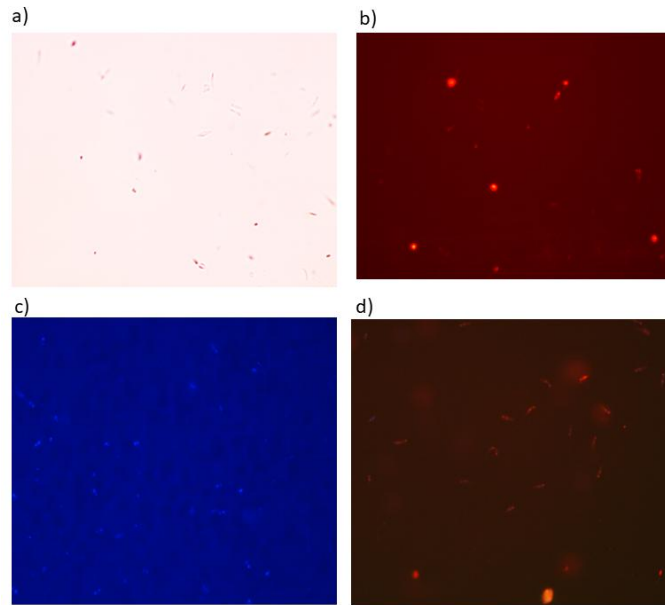


Figure S3: Promastigotes of *L. mexicana* at a concentration of  $1 \times 10^7$  cells/mL treated with  $2.5 \mu\text{mol L}^{-1}$  of the Amp B for 2 h in a) cells without marking; b) *L. mexicana* labeled with  $40 \mu\text{g mL}^{-1}$  of propidium iodide for 5 min; c) *L. mexicana* labeled  $5 \mu\text{g mL}^{-1}$  of Hoesch for 5 min; d) Merge of the two markings.

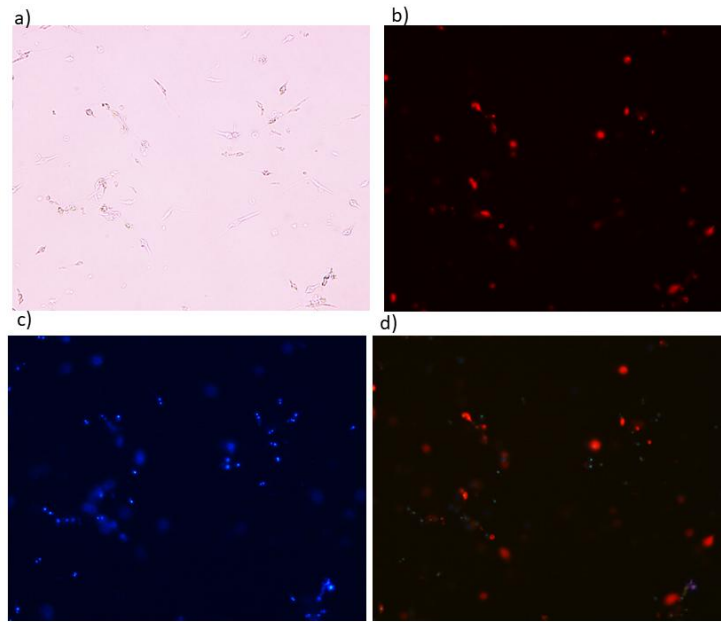


Figure S4: Promastigotes of *L. mexicana* at a concentration of  $1 \times 10^7$  cells/mL treated with  $2.5 \mu\text{mol L}^{-1}$  of the peptide TSHa for 24 h in a) cells without marking; b) *L. mexicana* labeled with  $40 \mu\text{g mL}^{-1}$  of propidium iodide for 5 min; c) *L. mexicana* labeled  $5 \mu\text{g mL}^{-1}$  of Hoesch for 5 min; d) Merge of the two markings.

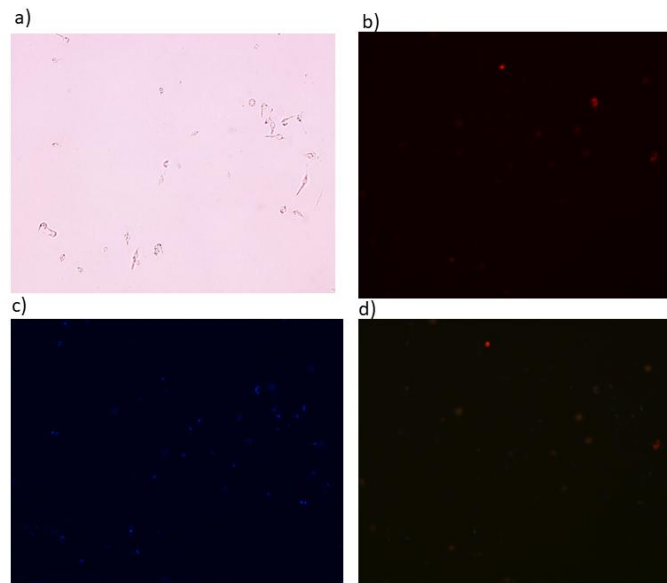


Figure S5: Promastigotes of *L. mexicana* at a concentration of  $1 \times 10^7$  cells/mL treated with  $1.25 \mu\text{mol L}^{-1}$  of the peptide TSHa for 24 h in a) cells without marking; b) *L. mexicana* labeled with  $40 \mu\text{g mL}^{-1}$  of propidium iodide for 5 min; c) *L. mexicana* labeled  $5 \mu\text{g mL}^{-1}$  of Hoesch for 5 min; d) Merge of the two markings.

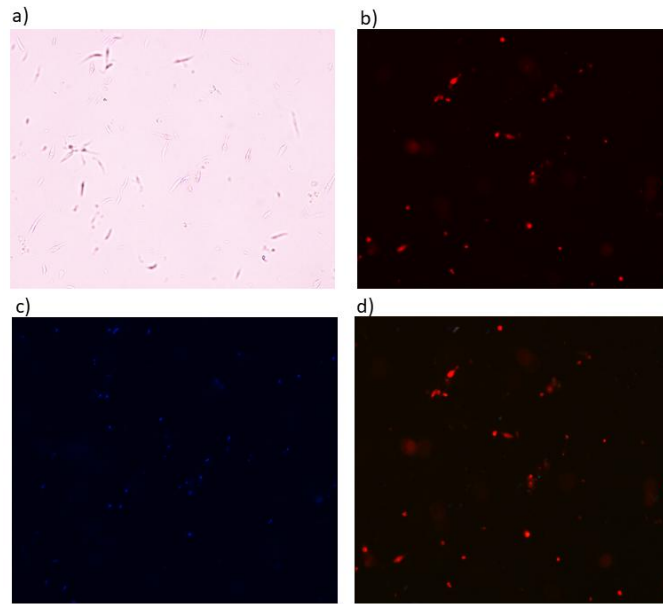


Figure S6: Promastigotes of *L. mexicana* at a concentration of  $1 \times 10^7$  cells/mL treated with  $2.5 \mu\text{mol L}^{-1}$  of the peptide TSHa for 2 h in a) cells without marking; b) *L. mexicana* labeled with  $40 \mu\text{g mL}^{-1}$  of propidium iodide for 5 min; c) *L. mexicana* labeled  $5 \mu\text{g mL}^{-1}$  of Hoesch for 5 min; d) Merge of the two markings.

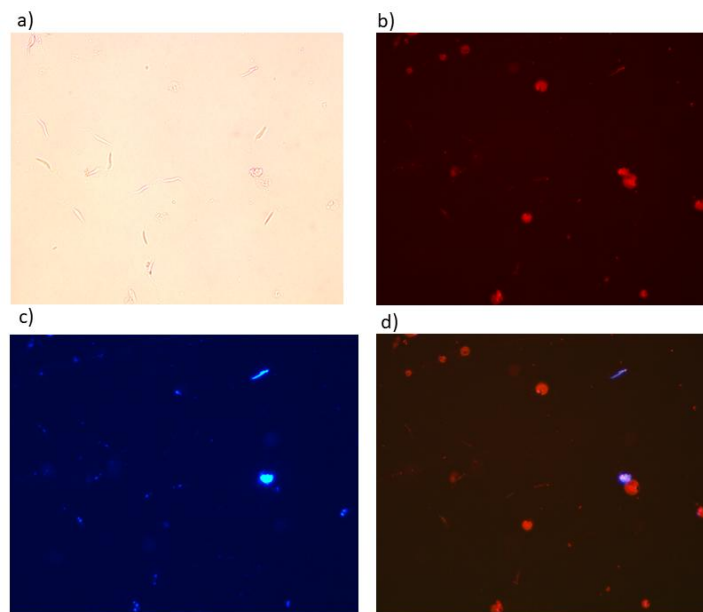


Figure S7: Promastigotes of *L. mexicana* at a concentration of  $1 \times 10^7$  cells/mL treated with  $1.25 \mu\text{mol L}^{-1}$  of the peptide TSHa for 2 h in a) Cells without marking; b) *L. mexicana* labeled with  $40 \mu\text{g mL}^{-1}$  of propidium iodide for 5 min; c) *L. mexicana* labeled  $5 \mu\text{g mL}^{-1}$  of Hoesch for 5 min; d) Merge of the two markings.

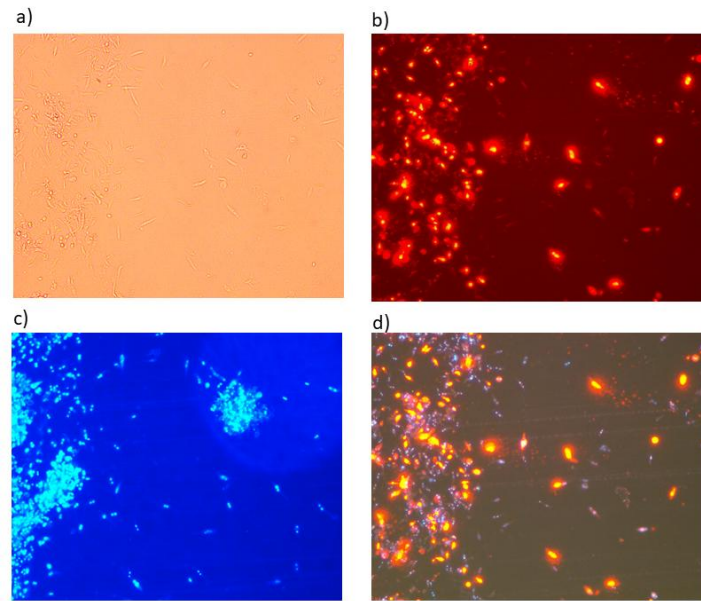


Figure S8: Promastigotes of *L. mexicana* at a concentration of  $1 \times 10^7$  cells/mL treated with  $1.25 \mu\text{mol L}^{-1}$  of the peptide  $(\text{TSHa})_2\text{K}$  for 24 h in a) Cells without marking; b) *L. mexicana* labeled with  $40 \mu\text{g mL}^{-1}$  of propidium iodide for 5 min; c) *L. mexicana* labeled  $5 \mu\text{g mL}^{-1}$  of Hoesch for 5 min; d) Merge of the two markings.

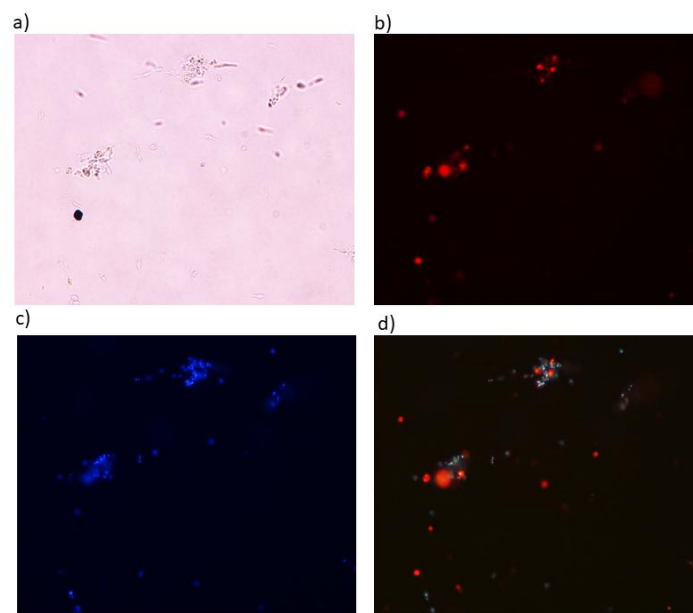


Figure S9: Promastigotes of *L. mexicana* at a concentration of  $1 \times 10^7$  cells/mL treated with  $2.5 \mu\text{mol L}^{-1}$  of the peptide  $(\text{TSHa})_2\text{K}$  for 2 h in a) cells without marking; b) *L. mexicana* labeled with  $40 \mu\text{g mL}^{-1}$  of propidium iodide for 5 min; c) *L. mexicana* labeled  $5 \mu\text{g mL}^{-1}$  of Hoesch for 5 min; d) Merge of the two markings.

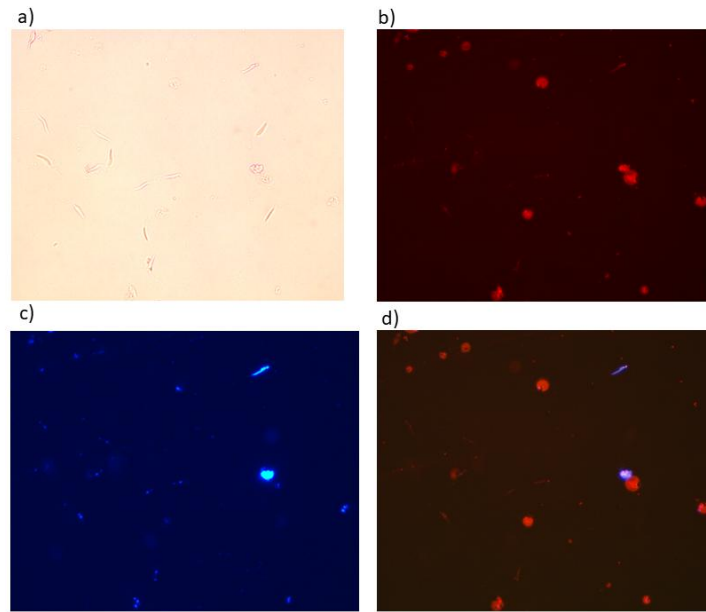


Figure S10: Promastigotes of *L. mexicana* at a concentration of  $1 \times 10^7$  cells/mL treated with  $1.25 \mu\text{mol L}^{-1}$  of the peptide  $(\text{TSHa})_2\text{K}$  for 2 h in a) cells without marking; b) *L. mexicana* labeled with  $40 \mu\text{g mL}^{-1}$  of propidium iodide for 5 min; c) *L. mexicana* labeled  $5 \mu\text{g mL}^{-1}$  of Hoesch for 5 min; d) Merge of the two markings.