Table 1S: Leishmanicidal activity (in *µ*g mL-1) of essential oils from *Piper* species.

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| --- | --- | --- | --- | --- | --- |
| *Piper* sp. | Locality | *Leishmania* sp. | IC50  Promastigote | IC50  Amastigote | Reference |
| *P. rivinoides* | Antonina, PR-BR | *L. amazonensis* | 10.9 ± 2.7 (a) | > 200 (a,e) | Bernuci *et al.* 2016 |
| *P. mosenii* | Antonina, PR-BR | *L. amazonensis* | 17.4 ± 5.0 (a) | > 200 (a,e) | Bernuci *et al.* 2016 |
| *P. cernuum* | Antonina, PR-BR | *L. amazonensis* | 27.1 ± 0.9 (a) | > 200 (a,e) | Bernuci *et al.* 2016 |
| *P. diospyrifolium* | Antonina, PR-BR | *L. amazonensis* | 13.5 ± 0.4 (a) | 76.1 ± 9.0 (a,e) | Bernuci *et al.* 2016 |
| *P. arboretum* | Antonina, PR-BR | *L. amazonensis* | 15.2 ± 2.4 (a) | > 200 (a,e) | Bernuci *et al.* 2016 |
| *P. aduncum* | Cerro Azul, PR-BR | *L. amazonensis* | 25.9 ± 1.3 (a) | 36.2 ± 2.9 (a,e) | Bernuci *et al.* 2016 |
| *P. gaudichaudianum* | Antonina, PR-BR | *L. amazonensis* | 93.5 ± 1.6 (a) | - | Bernuci *et al.* 2016 |
| *P. xylosteoides* | Cerro Azul, PR-BR | *L. amazonensis* | > 100 (a) | - | Bernuci *et al.* 2016 |
| *P. mikanianum* | Atalanta, SC-BR | *L. amazonensis* | > 100 (a) | - | Bernuci *et al.* 2016 |
| *P. aduncum* var. *ossanum* | Bauta, Artemisa-CU | *L. infantum* | 32.5 (b) | - | Gutiérrez *et al.* 2016 |
| *P. aduncum* var. *ossanum* | Bauta, Artemisa-CU | *L. amazonensis* | 19.3 (b) | - | Gutiérrez *et al.* 2016 |
| *P. aduncum* var. *ossanum* | Ceiba, Artemisa-CU | *L. infantum* | 32.5 (b) | - | Gutiérrez *et al.* 2016 |
| *P. aduncum* var. *ossanum* | Ceiba, Artemisa-CU | *L. amazonensis* | > 64 (b) | - | Gutiérrez *et al.* 2016 |
| *P. hispidum* | French Guiana | *L. amazonensis* | - | 3.4 (a,e) | Houël *et al.* 2015 |
| *P. demeraranum* | Manaus, AM-BR | *L. amazonensis* | 86.0 ± 2.4 (c) | 78.0 ± 1.0 (c,f) | Carmo *et al.* 2012 |
| *P. demeraranum* | Manaus, AM-BR | *L. guyanensis* | 22.7 ± 1.1 (c) | - | Carmo *et al.* 2012 |
| *P. duckei* | Manaus, AM-BR | *L. amazonensis* | 46.0 ± 1.3 (c) | 42.4 ± 0.8 (c,f) | Carmo *et al.* 2012 |
| *P. duckei* | Manaus, AM-BR | *L. guyanensis* | 15.2 ± 0.9 (c) | - | Carmo *et al.* 2012 |
| *P. cubeba* | New Delhi-IND | *L. amazonensis* | No activity (a) | - | Esperandim *et al.* 2013 |
| *P. claussenianum* | Castelo, ES-BR | *L. amazonensis* | 30.4 ± 3.2 (a) | - | Marques *et al.* 2010 |
| *P. auritum* | Havana, CU | *L. major* | 29.1 ± 1.4 (a) | - | Monzote *et al.* 2010 |
| *P. auritum* | Havana, CU | *L. mexicana* | 63.3 ± 2.6 (a) | - | Monzote *et al.* 2010 |
| *P. auritum* | Havana, CU | *L. braziliensis* | 52.1 ± 3.1 (a) | - | Monzote *et al.* 2010 |
| *P. auritum* | Havana, CU | *L. donovani* | 12.8 ± 2.8 (a) | 22.3 ± 1.8 (b,f) | Monzote *et al.* 2010 |
| *P. betle* | Lucknow, IND | *L. donovani* | 11.2 ± 1.23 (d) | 9.31 ± 0.5 (d,f) | Misra *et al.* 2009 |

a: incubation for 72h; b: incubation for 48h; c: incubation for 24h; d: incubation for 48-72h; e: axenic amastigote; f: intracellular amastigote.