

Supplementary Materials

# In Vitro and In Silico Analyses of New Cinnamid and Rosmarinic Acid-Derived Compounds Biosynthesized in *Escherichia coli* as *Leishmania amazonensis* Arginase Inhibitors

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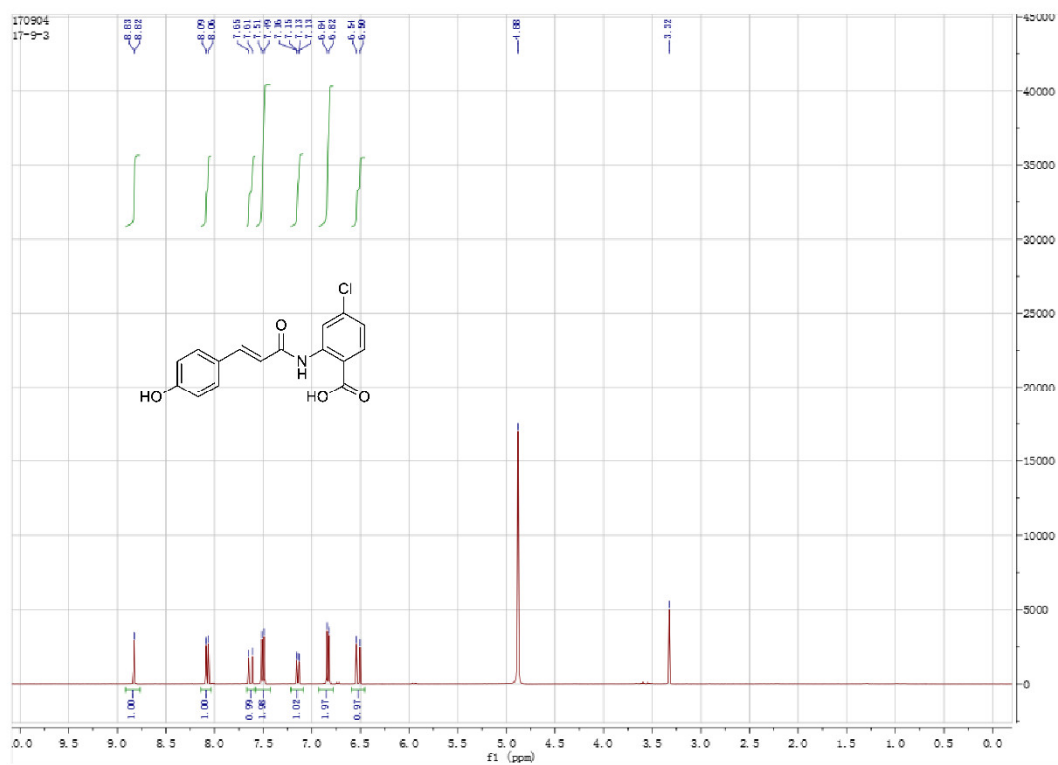


Figure S1. <sup>1</sup>H spectrum of isolated compound 8 in CD<sub>3</sub>OD.

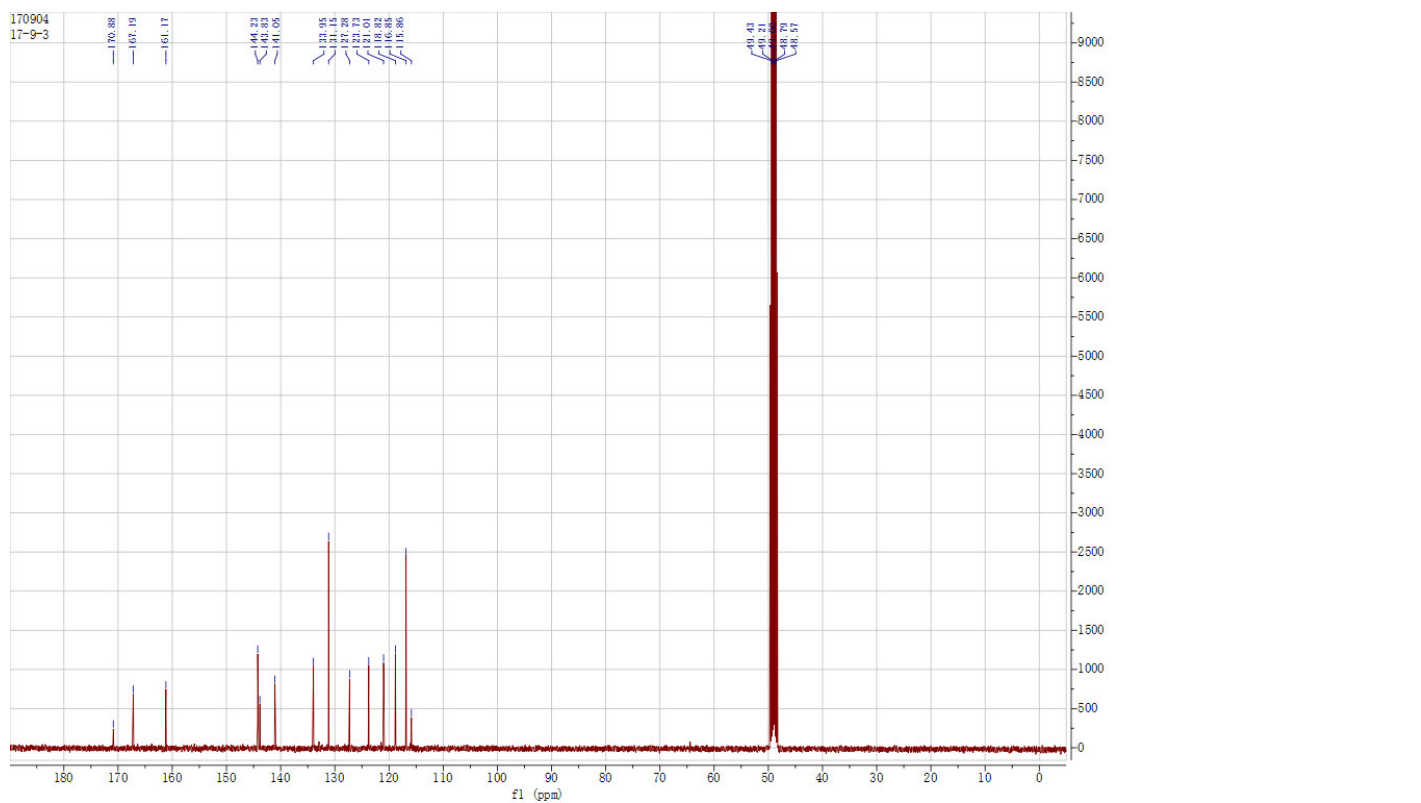
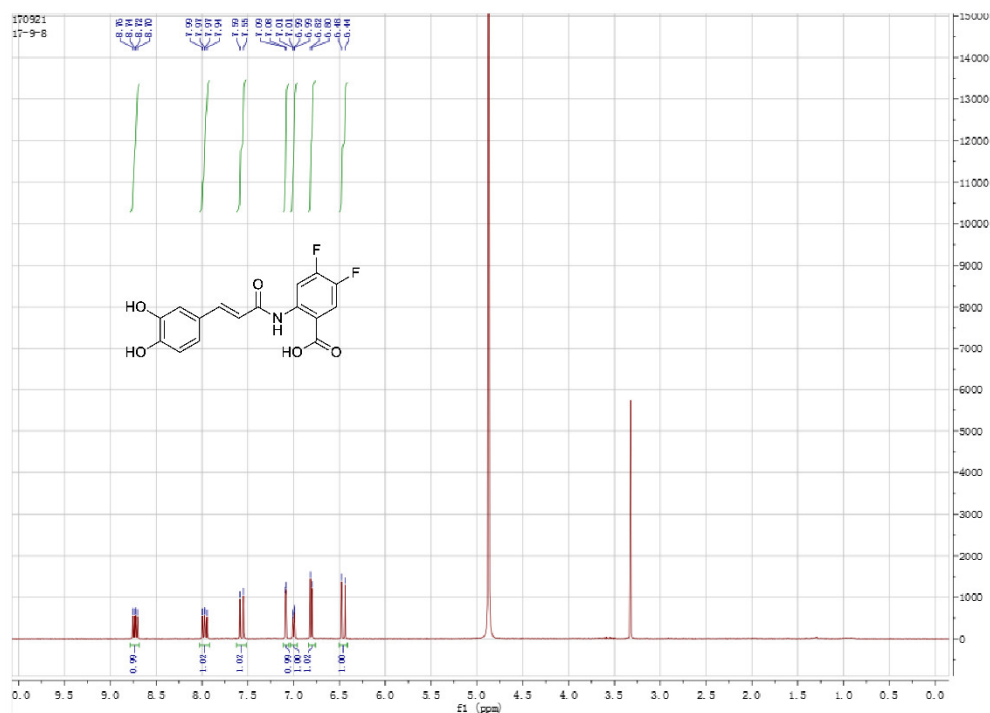
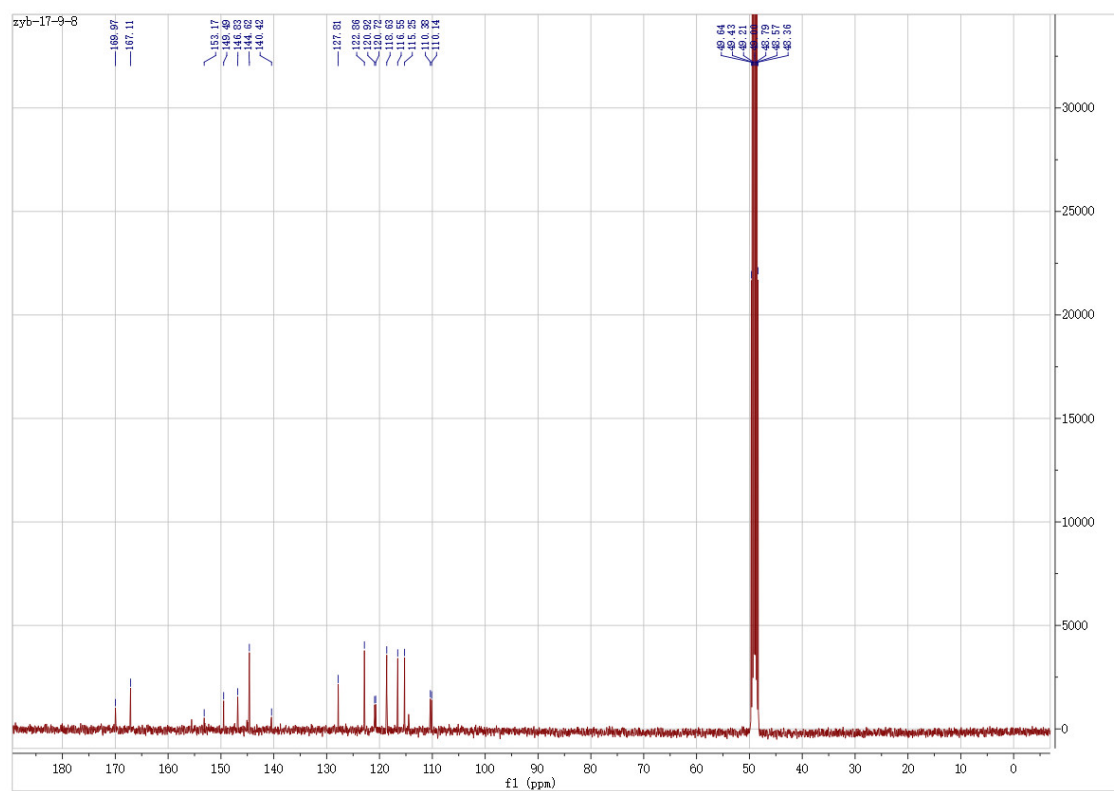


Figure S2. <sup>13</sup>C spectrum of isolated compound 8 in CD<sub>3</sub>OD.



**Figure S3.** <sup>1</sup>H spectrum of isolated compound 9 in CD<sub>3</sub>OD.



**Figure S4.** <sup>13</sup>C spectrum of isolated compound 9 in CD<sub>3</sub>OD.

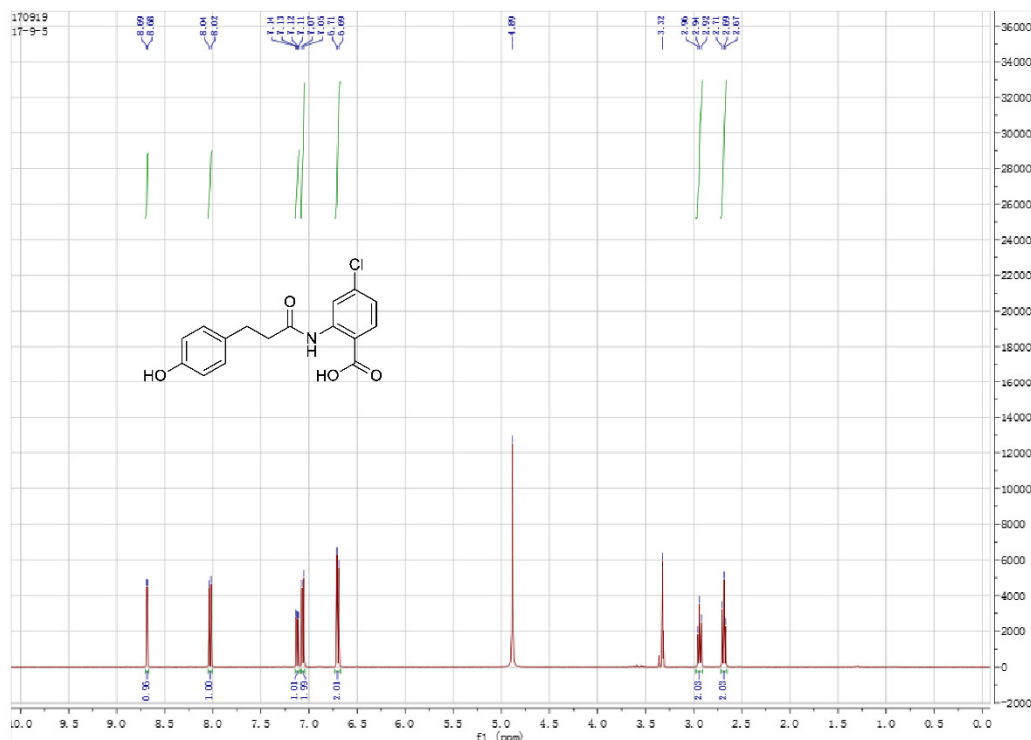


Figure S5. <sup>1</sup>H spectrum of isolated compound 10 in CD<sub>3</sub>OD.

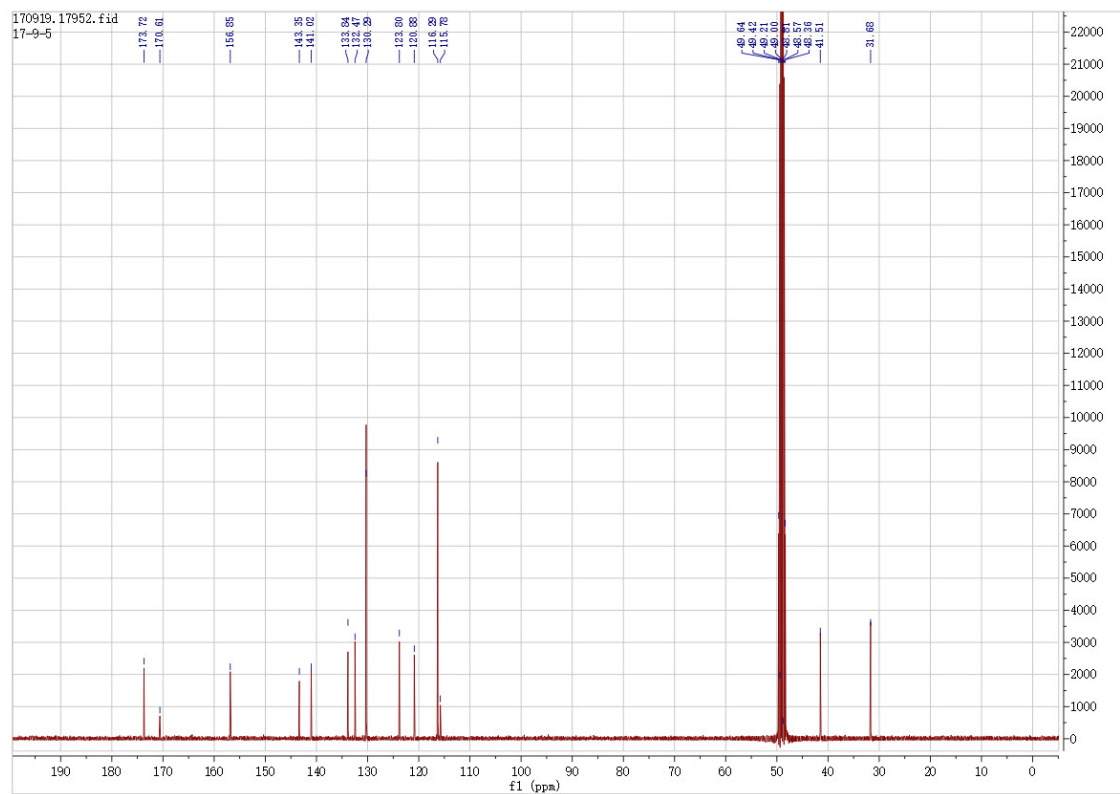
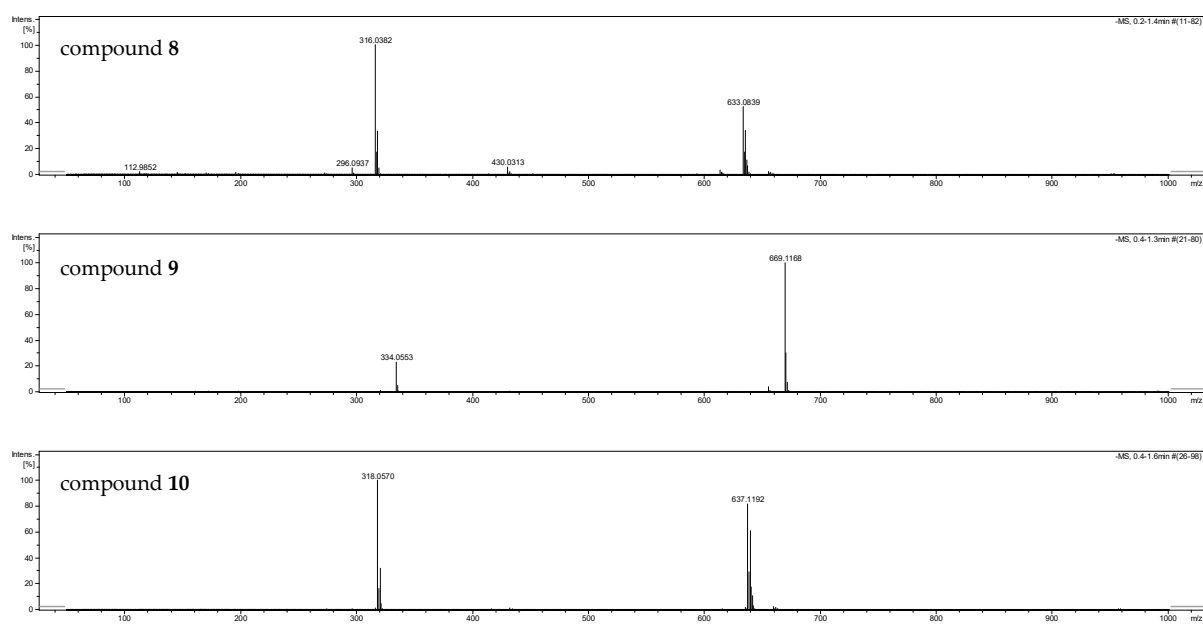


Figure S6. <sup>13</sup>C spectrum of isolated compound 10 in CD<sub>3</sub>OD.



**Figure S7.** MS spectra of compounds 8-10.