



Inhibitors of Naegleria Fowleri

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The Invention

UW-Madison researchers in collaboration with a researcher at Clemson University have developed a chemical scaffold that potentially inhibits whole *Naegleria fowleri* parasites in culture. They have prepared > 90 analogs with potency to EC₅₀ = 40 nM. The compounds do not show cell toxicity in a human neuronal cell line and appear to get into the CNS.

Literature/academic efforts describe compounds with weak inhibition at best (> 30 μM) and no indication of efficacy. For reference, miltefosine, the golden child of amoeba treatment, has an

EC₅₀ value in the 40-80 μM range.

Additional Information

For More Information About the Inventors

- [Jennifer Golden](#)

Tech Fields

- [Therapeutics & Vaccines : Anti-infectives \(antibacterials, antifungals, antivirals\)](#)

For current licensing status, please contact Rafael Diaz at rdiaz@warf.org or 608-960-9847