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## Discovery of reversible monoacylglycerol lipase inhibitors

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### Citation

Jiang, M. (2022, March 17). *Discovery of reversible monoacylglycerol lipase inhibitors*. Retrieved from <https://hdl.handle.net/1887/3279133>

Version: Publisher's Version

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Propositions accompanying the thesis  
**Discovery of reversible monoacylglycerol lipase inhibitors**

1. Monoacylglycerol lipase (MAGL) is a promising therapeutic target for the treatment of several disorders that currently lack appropriate therapies, such as neurodegenerative diseases or neuropathic pain.

*Ana Gil-Ordóñez et al. (2018) Biochemical Pharmacology. 157, 18-32; This thesis, chapter 1.*

2. Computational models and simulations based on good experimental results can speed up the drug discovery cycle.

*C&EN, (2021), 28, 13–15; This thesis, chapter 2 & 3 & 4*

3. Peripherally restricted MAGL inhibitors deserve more recognition.

*This thesis, chapter 4 & 5.*

4. Among several applications of activity-based protein profiling, competitive profiling of inhibitors is the most particularly powerful embodiment of the technology.

*Micah J. Niphakis et al. (2014) Annu. Rev. Biochem. 83, 341-77; This thesis, chapter 2 & 5.*

5. For medicinal chemists, high plasma protein binding is a mixed blessing.

*This thesis, chapter 5.*

6. Researchers in academia should always be encouraged and think about how to use their expertise to contribute to the drug discovery and development process.

*K. C. Nicolaou et al. (2014) Angewandte Chemie. 53, 2-15*

7. An oral antiviral agent would have enormous impact on this pandemic.

*C&EN, (2021), Year in Pharma.*

8. The “rule of five” is a rule of thumb to evaluate drug-likeness of a compound. Don't let it limit your creativity during drug discovery.

9. Do unto others as you would have them do unto you.