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(71) Applicant (for all designated States except US): **HOUSEY PHARMACEUTICALS, INC.** [US/US]; 16800 West Twelve Mile Road, Suite 201, Southfield, MI 48076 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **HOUSEY, Gerard, M.** [US/US]; 28520 Streamwood Lane, Southfield, MI 48034 (US).

(74) Agent: **CASSON, Lawrence, P.**; Kenyon & Kenyon LLP, 1 Broadway, New York, NY 10004 (US).

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(54) Title: COMPOUNDS AND METHODS OF IDENTIFYING, SYNTHESIZING, OPTIMIZING AND PROFILING PROTEIN MODULATORS

(57) Abstract: This invention relates to methods of identifying, synthesizing, optimizing and profiling compounds that are inhibitors or activators of proteins, both naturally occurring endogenous proteins as well as certain variant forms of endogenous proteins, and novel methods of identifying such variants. The method accelerates the identification and development of compounds as potential therapeutically effective drugs by simplifying the pharmaceutical discovery and creation process through improvements in hit identification, lead optimization, biological profiling, and rapid elimination of toxic compounds. Implementation results in overall cost, reductions in the drug discovery process resulting from the corresponding increases in efficiency.



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