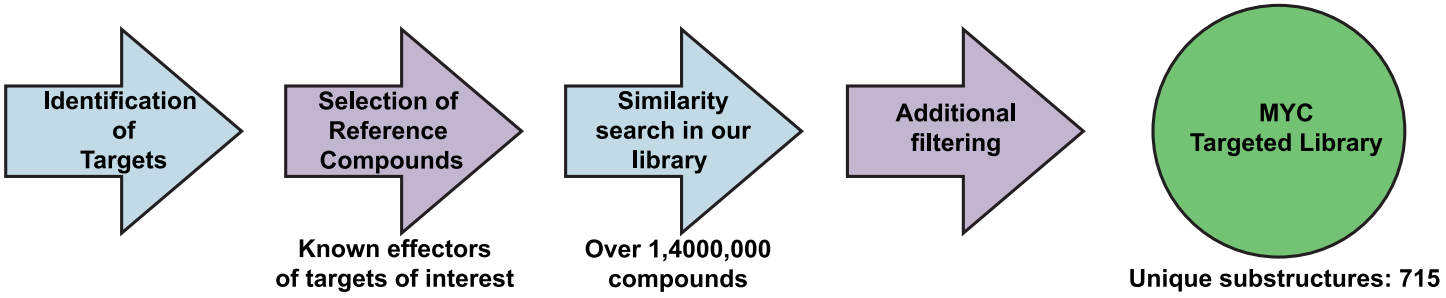
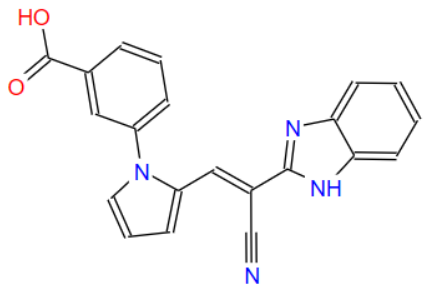
https://vitasmlab.net

MYCMARK

MYC Targeted Library

MYC is a master transcriptional regulator that controls the expression of thousands of genes involved in cell growth, prolifer- ation, metabolism, and survival. Its dysregulation, often through amplification or overexpression, is a fundamental driver in a vast majority of human cancers, contributing to aggressive tumor progression, therapeutic resistance, and poor prognosis. For decades, MYC has been considered an "undruggable" target due to its intrinsically disordered protein structure and lack of a classic binding pocket for small molecules. Despite this, its pivotal role in oncogenesis makes it one of the most coveted targets in oncology. Discovering small molecules that can directly inhibit MYC or disrupt its critical protein-protein interac- tions would represent a transformative therapeutic breakthrough, offering a potential strategy to treat a wide array of cancers that currently lack effective, targeted options.





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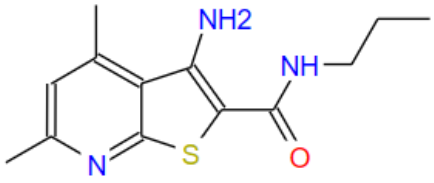

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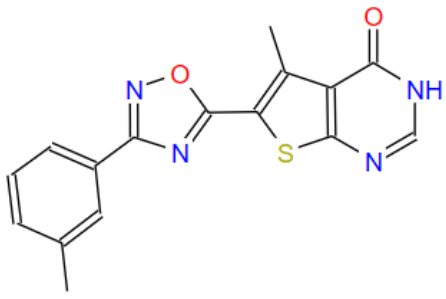

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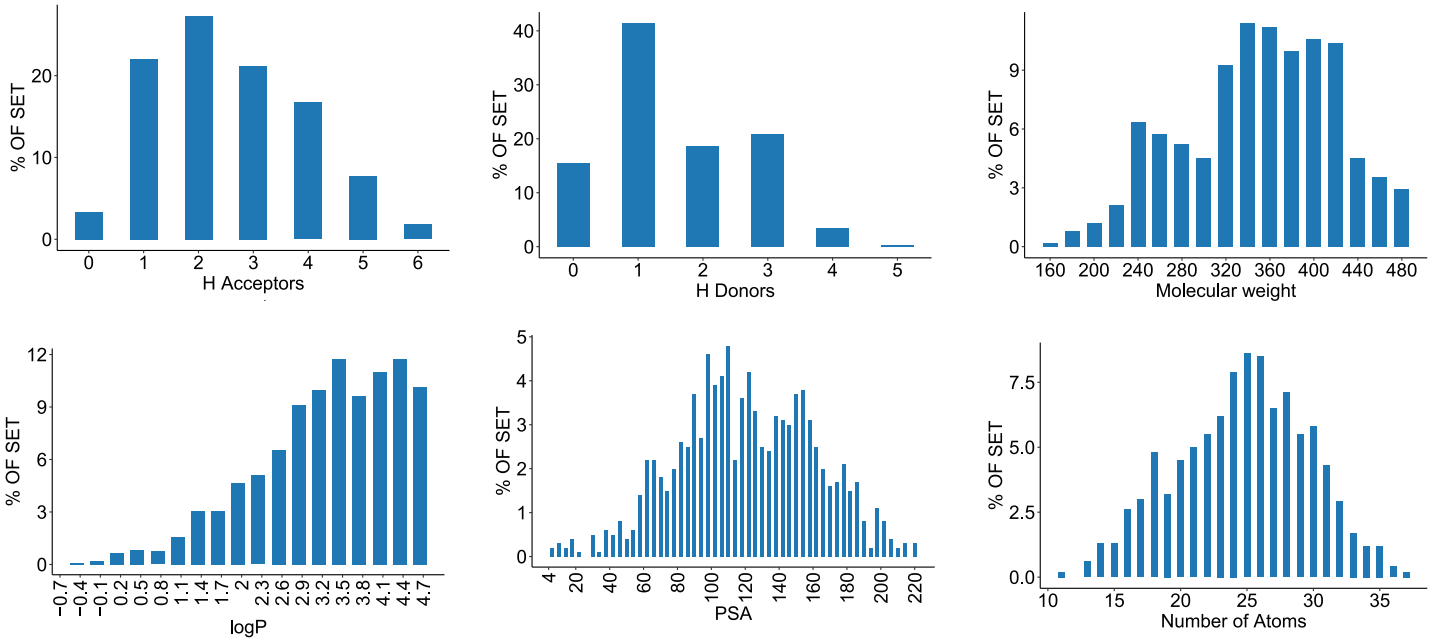
The MYC Targeted Library (MYCMARK) is a collection of 1000 rule-of-five compliant compounds specifically designed to potentially target the MYC, it's interactions and related proteins like MYC expression regulators. Each compound was select- ed based on structural similarity to known potential effectors. MYCMARK provides a robust foundation for high-throughput screening, offering a diverse array of chemical starting points for discovering new effectors with potential to augment MYC-related interactions.

Distribution of Parameters



If you have any specific needs for your project, we can provide specially tailored compound library based on your request.

Have questions or need a quote? Contact Irina Haywood (Ryabushenko) at

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Let's Connect on LinkedIn! Expand your professional network.

We look forward to collaborating with you!

Empowering Your Research, One Molecule at a Time.