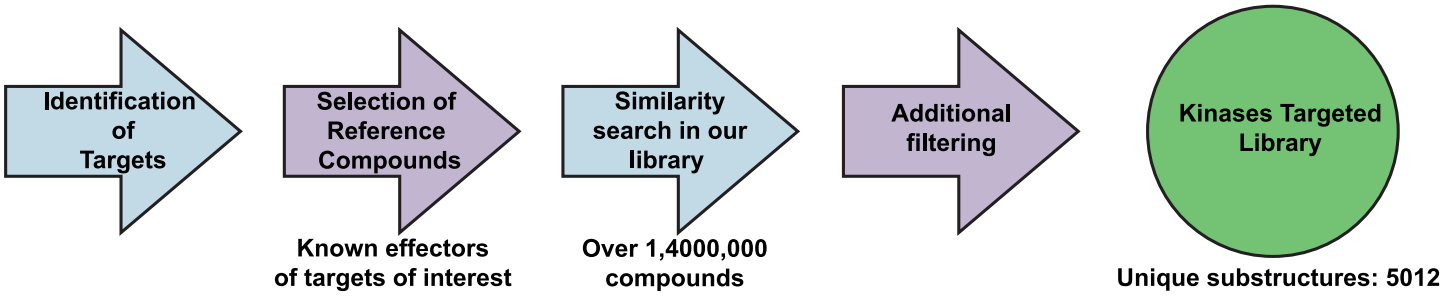
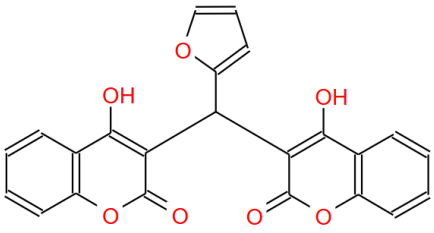
https://vitasmlab.net

KINASEMARK

Kinases Targeted Library

Kinases are crucial regulators of cellular signaling, controlling processes like growth, metabolism, and apoptosis. Their dysregulation drives numerous diseases, particularly cancer, where mutations in kinases promote uncontrolled proliferation. Kinase inhibitors have revolutionized cancer treatment, but drug resistance remains a major challenge due to adaptive muta- tions and pathway reactivation. Beyond oncology, aberrant kinase activity underpins inflammatory, neurodegenerative, and metabolic disorders, underscoring their broad therapeutic relevance. However, many kinases are still undrugged, and existing inhibitors often lack selectivity, leading to off-target effects. The development of next-generation kinase drugs could overcome resistance, improve precision, and expand treatment options for complex diseases. With over 500 human kinases and diverse roles in pathophysiology, unlocking their full therapeutic potential remains a critical frontier in biomedicine, demanding continued innovation in drug discovery.





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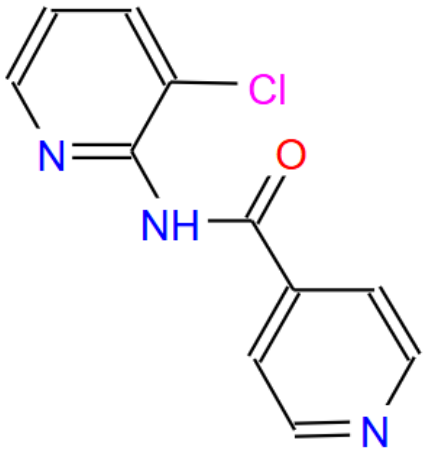

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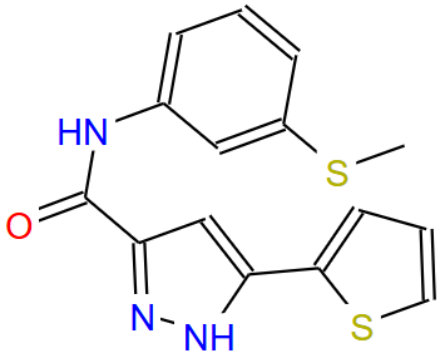
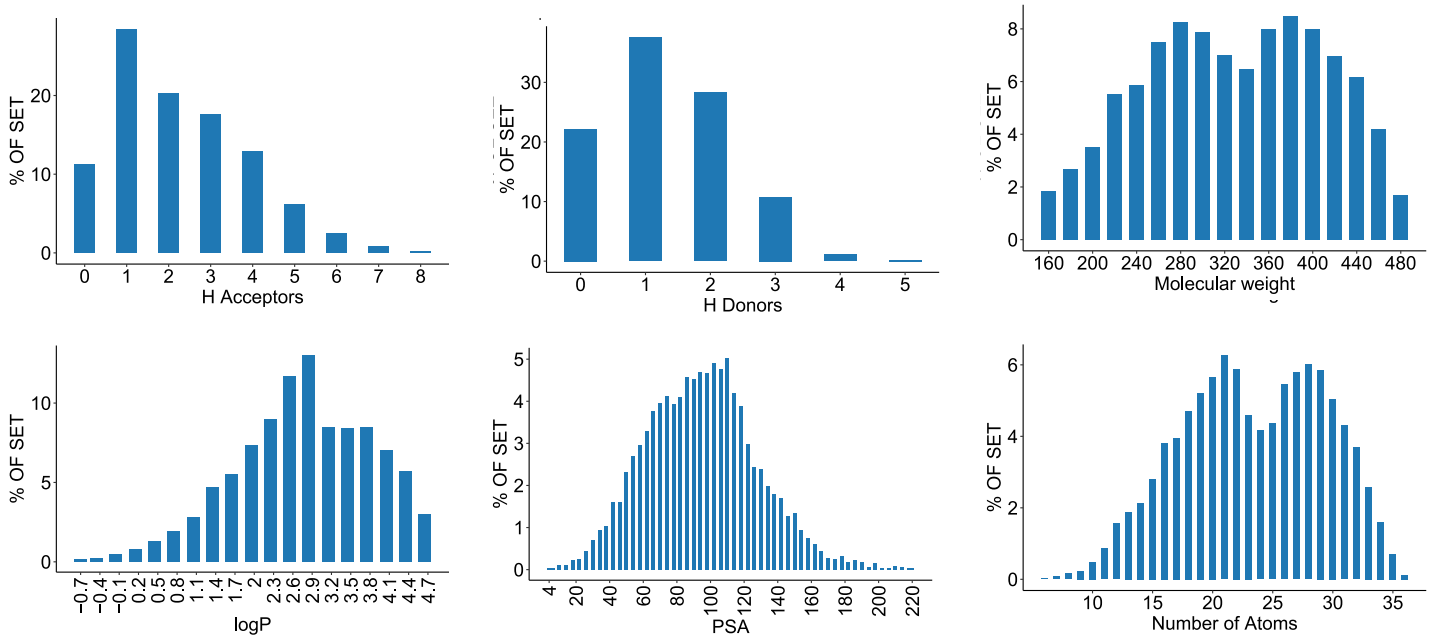


STK984983

Kinases Targeted Library (KINASEMARK) consists of compounds which were selected based on similarity to known inhibi- tors of human kinases. This library was designed to provide a potential starting point or to expand ongoing drug discovery project. It is designed in a way that maximizes structural diversity and excludes problematic compounds. This library has 7573 compounds. All compounds follow RO5.

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
irina@vitasmlab.biz
Let's Connect on LinkedIn! Expand your professional network.

We look forward to collaborating with you!
Empowering Your Research, One Molecule at a Time.