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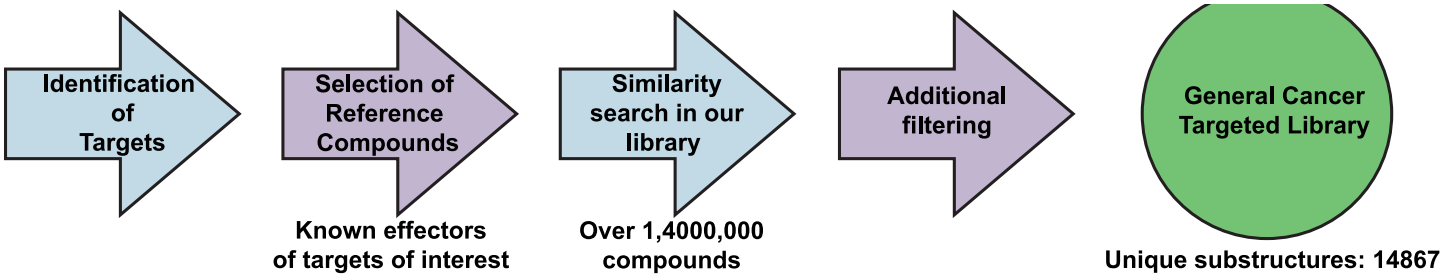
CANCMARK

General Cancer Targeted Library

Cancer-related proteins play central roles in the biological processes that drive tumor development, progression, and surviv- al. These proteins include oncogenes (which promote cancer when overactive), tumor suppressors (which prevent cancer when functioning properly), and key signaling molecules involved in cell growth, DNA repair, and programmed cell death. When these proteins become mutated or dysregulated, they can lead to uncontrolled cell proliferation, resistance to cell death, invasion of surrounding tissues, and metastasis—the spread of cancer to distant organs. Targeting cancer-related proteins with drugs has been a cornerstone of modern oncology. However, major challenges remain: many cancers develop resistance to existing drugs, some aggressive tumors lack effective targets, and off-target effects can cause severe side effects. The discovery of new drugs that inhibit or modulate them is essential to overcome these limitations. Advances in genomics, proteomics, and drug discovery are uncovering previously unknown cancer vulnerabilities. The continuous explo- ration of cancer effectors remains a vital frontier in the fight against this malady.

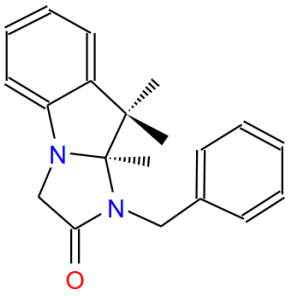


Example Targets:

Cancer-related Kinases

Epigenetic Regulators Tumor Suppressors & Stabilizers

Proteostasis Targets Apoptosis Regulators



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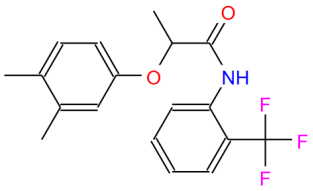

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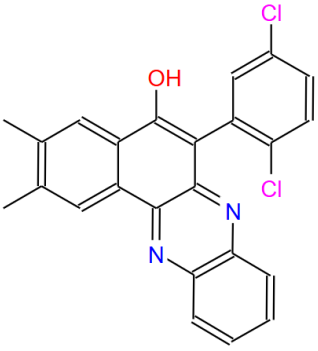
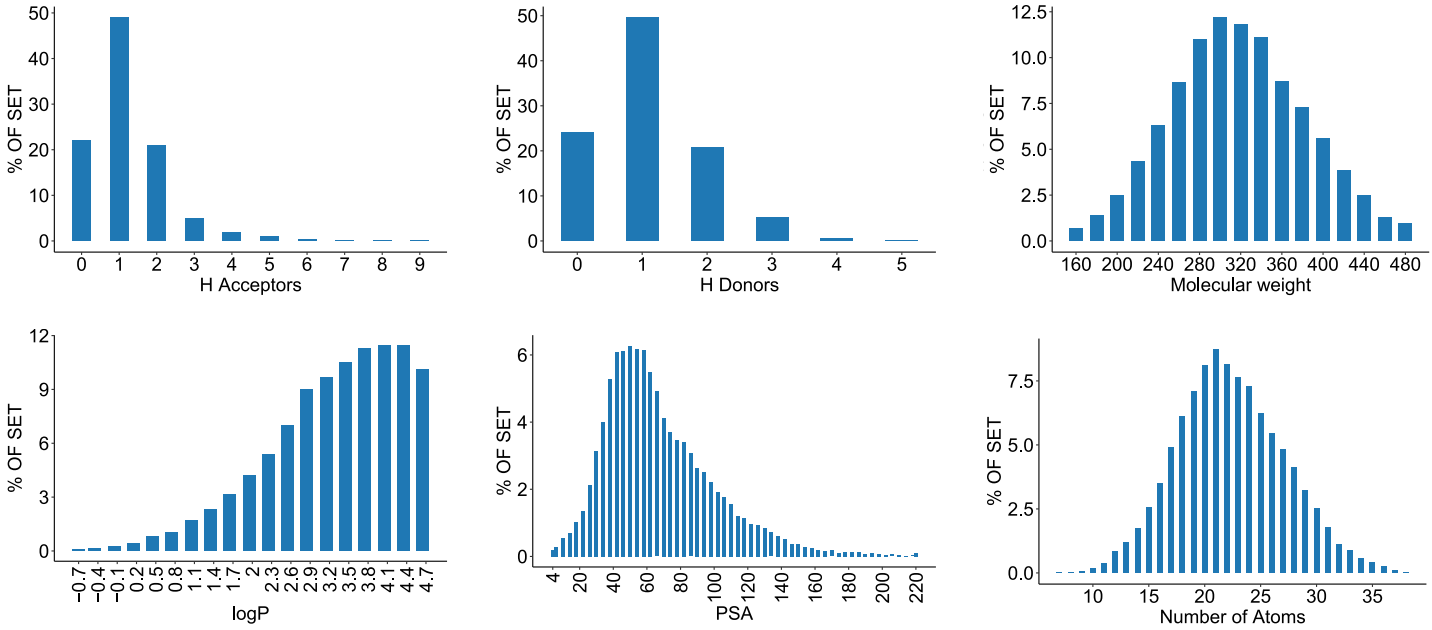


STL110011

General Cancer Targeted Library (CANCMARK) consists of compounds selected based on similarity to known effectors of proteins, associated with various cancers 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 33564 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.