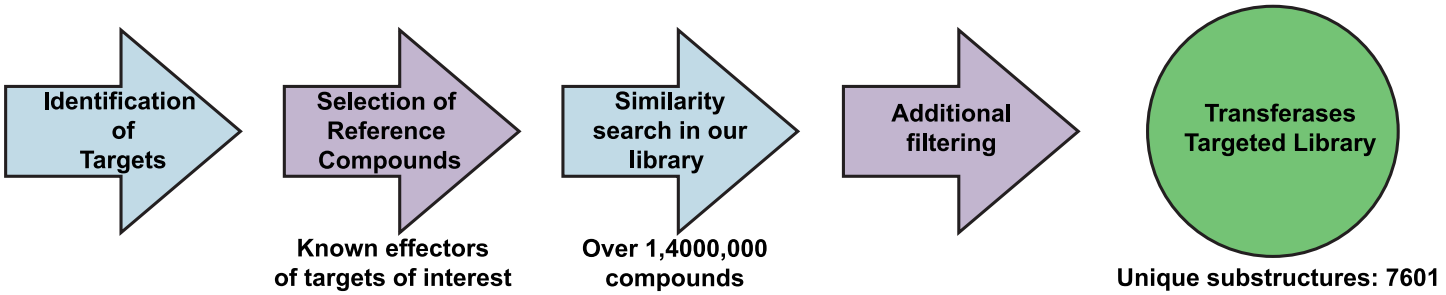
https://vitasmlab.net

TRANSMARK

Transferases Targeted Library

Transferases are essential enzymes that transfer functional groups (e.g., phosphate, methyl) between molecules, regulating metabolism, cell signaling, and gene expression. They play key roles in diseases like cancer, diabetes, and neurodegenera- tion—making them prime drug targets. Existing drugs (e.g., kinase inhibitors) show their therapeutic potential, but many transferases remain undrugged due to selectivity challenges. Resistance to current therapies and unmet medical needs drive the search for novel inhibitors. Discovering new transferase-targeting drugs could revolutionize medicine—tackling drug-resistant infections, autoimmune disorders, and rare genetic diseases.



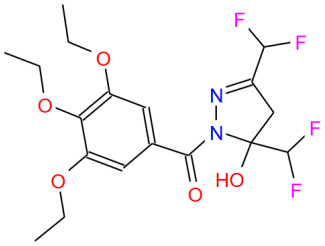
Example Targets:

DNA Methyltransferase Histone Methyltransferase

Acetyltransferases

Glycosyltransferases

GSTs



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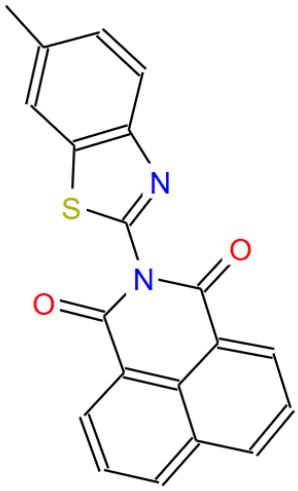

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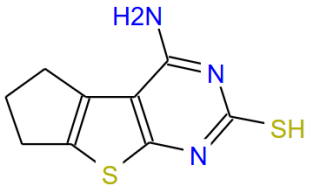
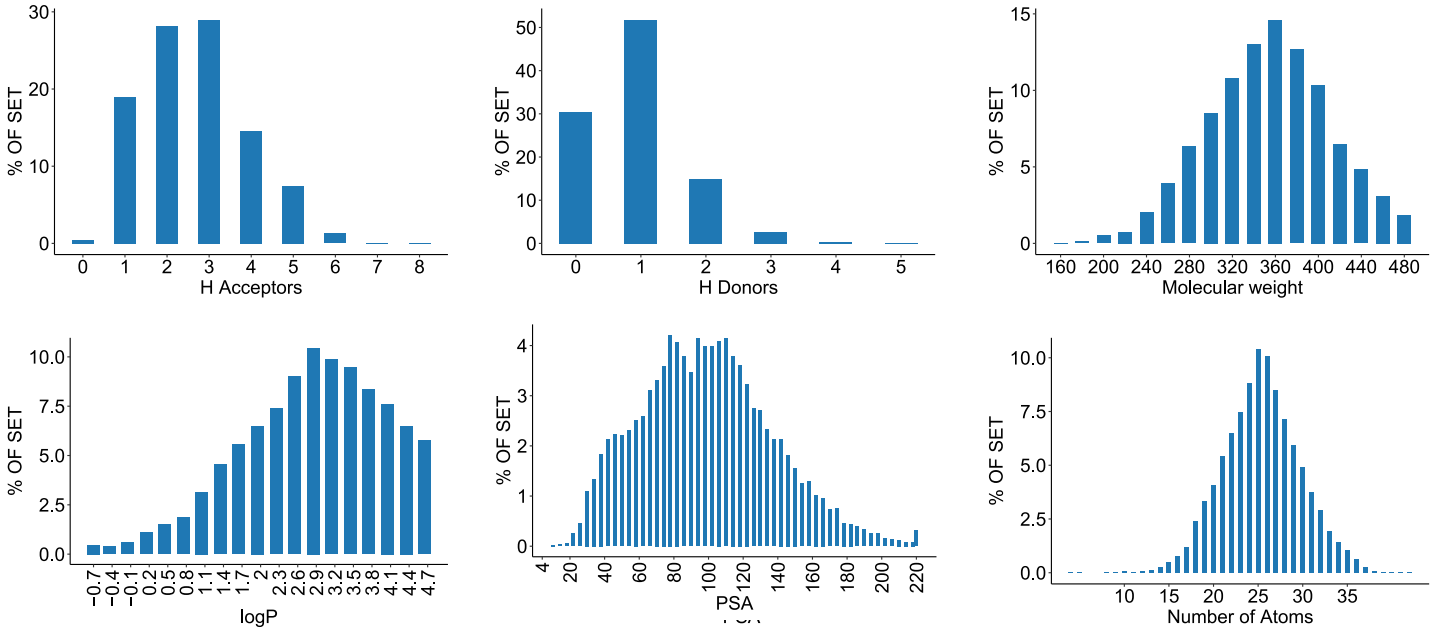


STK098168

Transferases Targeted Library (TRANSMARK) consists of compounds with potential activity towards various transferases. Compounds were selected based on similarity to known effectors of prominent transferases. 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 structur- al diversity and excludes problematic compounds. This library has 12116 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.