

Resource Summary Report

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Herzon Lab

RRID:SCR_008850

Type: Tool

Proper Citation

Herzon Lab (RRID:SCR_008850)

Resource Information

URL: http://www.yale.edu/herzongroup/Herzon_Lab/Home.html

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Description: My laboratory has created a family of natural product-inspired anticancer agents. We have evaluated our compounds at the Yale Center for Chemical Genomics, and they are exhibiting IC₅₀ values in the low nM range against K562, HeLa, LnCAP, and HCT-116 lines. Their mechanism of action is unknown, although the natural products have been shown to cleave DNA. An evaluation of the natural products at the NCI has shown that they have a toxicity profile that is distinct from other known DNA damaging agents. We can readily access gram-quantities of these agents for further studies. We are looking for researchers who might find these compounds useful in medicinal applications, for example, for treatment of a specific cancer. We are capable of synthesizing new analogs, such as those incorporating a specific recognition or targeting element, and would be excited to pursue this avenue of research.

Abbreviations: Herzon Lab

Synonyms: Herzon Laboratory

Resource Type: access service resource, service resource, core facility

Keywords: chemistry, synthetic anticancer agent, anticancer agent

Related Condition: Cancer

Resource Name: Herzon Lab

Resource ID: SCR_008850

Alternate IDs: nlx_149076

Record Creation Time: 20220129T080249+0000

Record Last Update: 20260729T044214+0000

Ratings and Alerts

No rating or validation information has been found for Herzon Lab.

No alerts have been found for Herzon Lab.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.