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Vichem Ltd. is a medicinal chemistry research company focusing on signal transduction therapy with kinase inhibitors based on its unique, in-house developed **Nested Chemical Library™ (NCL)** technology. The NCL relies on a systematically built knowledge base, integrating Vichem's experience accumulated in the field of kinase inhibitory chemistry over the past >20 years.

The compound library is built around >110 core structures and >600 scaffolds and includes inhibitors against >160 kinases.

Vichem Ltd. can develop novel inhibitors against any selected targets in ~1 year in 5 research cycles using its in-house developed **NCL**, **Master Key, Pharmacophore modeling** and **“Scaffold hopping”** technologies.

Using the **“Target Fishing”** technology Vichem Ltd. can determine the selectivity profile and off-targets of a developed compound. In additional 2 years Vichem Ltd. can develop preclinical candidates while optimizing efficacy and ADMET properties of the compounds. Vichem Ltd. has lead and/or early preclinical candidate compounds against tuberculosis, influenza, AIDS and several pathologically important kinase targets. Vichem Ltd. collaborates with different European, American and Japanese institutes and companies, and participates in 2 European and 1 Hungarian research grants.