

# VICHEM CHEMIE LTD.

## THE KINASE INHIBITOR COMPANY

### RESEARCH SERVICES

#### Services based on our Kinase inhibitor library

##### Hit and Lead finding:

You select any kinase target and we deliver the novel, patentable, sub-micromolar lead compound. Based on our NCL/Master Key/scaffold hopping technologies, in a year from the time we have set up the biochemical kinase assay we can deliver a novel patentable submicromolar kinase inhibitory lead compound.

##### Kinase inhibitor library:

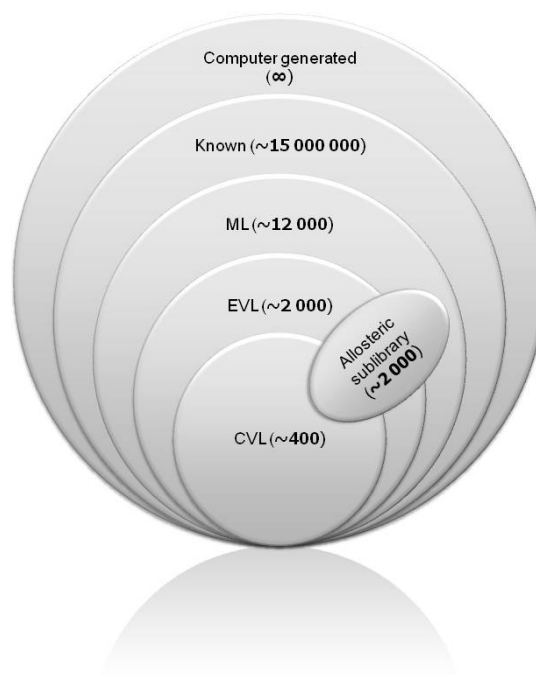


We provide our NCL™ kinase inhibitor and our allosteric inhibitor sublibrary for hit/lead finding against any kinase and various infectious disease models.

##### The concept of NCL™ is aimed to:

- include the best published clinically and preclinically relevant kinase inhibitors
- continuously increase chemical diversity: >110 core structures, 500 scaffolds
- have inhibitors against increasing number of kinases (more than 150 kinases)
- continuous improvement, updating and extending
  - small focused libraries around hits
  - several thousand proprietary structures

Using CVL for a large series of kinase targets and even for cellular targets of infectious diseases or cancer the hit-rates were always above 3-5%.



##### Allosteric sublibrary

The NCL™ contains an allosteric kinase inhibitory and modulatory sublibrary based on published allosteric kinase inhibitors and allosteric modulatory compounds. The allosteric kinase inhibitory sublibrary contains more than 2000 compounds.

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