



**TimTec offers the following pre-designed collections for research/high throughput screening:**

- **General screening** - Diversity compound collections of various size pre-selected from available stock with maximum chemical diversity.

- [ApexScreen](#)

- [ActiProbe Series](#)

- [Diversity Set 10K](#)

- [MyriaScreen Diversity Collection](#)

- **Nature-Inspired Chemistry**

- [Natural Products Library, NPL](#) - pure natural compounds

- [Natural Derivatives Library, NDL](#) - natural derivatives

- [Flavonoid Derivatives](#)

- [Plant Extracts](#)

- **ActiTarg Series** - Targeted libraries:

- [ActiTarg-G](#) GPCR Ligands

[ActiTarg-K](#) Kinase Modulators  
[ActiTarg-P](#) Protease Inhibitors  
[ActiTarg-S](#) Serpins Inhibitors  
[ActiTarg-I](#) Potassium Channel Modulators  
[ActiTarg-N](#) Nuclear Receptor Ligands  
[ActiTarg-H](#) HDAC Inhibitors    [ActiTarg-CNS](#) Central Nervous System Modulators

- [Template-Based](#) - Groups with common heterocyclic lattices:

5-Membered Aromatic Heterocycles  
5-Membered Fused Aromatic Heterocycles  
6-Membered Aromatic Heterocycles  
6-Membered Fused Aromatic Heterocycles

- [Privileged Structures](#) - Compounds containing chemical motifs that are more frequently associated with higher biological activity

- [FBL - Fragment-Based Library](#)
- [Activity-Aimed Sets](#) based on molecular activity

[ActiCom](#) – Compounds with Known Activity

[Anti-Inflammatory](#)  
[Anti-Infectives](#)  
[O-GlcNAc Transferase Inhibitors](#)  
[Activators of Neutrophils](#)  
[Inhibitors of Anthrax LF](#)  
[Potent TNF- \$\alpha\$ ; Inducers](#)

### • Custom Compound Collections

Choose any number of samples from TimTec database of screening compounds based on your own criteria. Compounds from TimTec pre-designed libraries are also available for cherry-picking. ActiMol Stock library contains >100,000 compounds (1-2 weeks delivery time). Overseas stock inventory is >500,000 compounds (1-4 months delivery).

### How to find the right library collection(s)?

#### [Library collections selection guide](#)

You are welcome to [contact TimTec](#) for a free consultation



### New Arrivals

TimTec scientists closely monitor the direction of life-science research to ensure relevant chemical materials re-supply to match current trends in screening. New compound families are designed and synthesized on a regular basis.

#### [Subscribe to TimTec Updates](#)

Our compound collections offer greater diversity as we have balanced the combination of in-house synthesis and outside sourcing. Our researchers ensure a high diversity score from collection to collection. We prefer avoiding combinatorial chemistry approach in library design and all our molecules are hand-synthesized. Our compounds are stored in dry form and are freshly prepared in DMSO. TimTec offers a variety of screening collections to suit different in capacity and design/purpose assays. Chemical compounds in our library collections are available for re-supply from our US stock.

### Quality Control and Compound Purity

TimTec determines structure and purity of all compounds by using NMR and mass spectrometry. Our compounds have an average purity of 95%, and the minimum purity is at least 90%. We randomly check the quality of our stock compounds on a regular basis to confirm stability and shelf life. <sup>1</sup>H-NMR spectra are available upon request for all stock compounds.

[ActiTarg-I](#) (Potassium Channel Modulators)