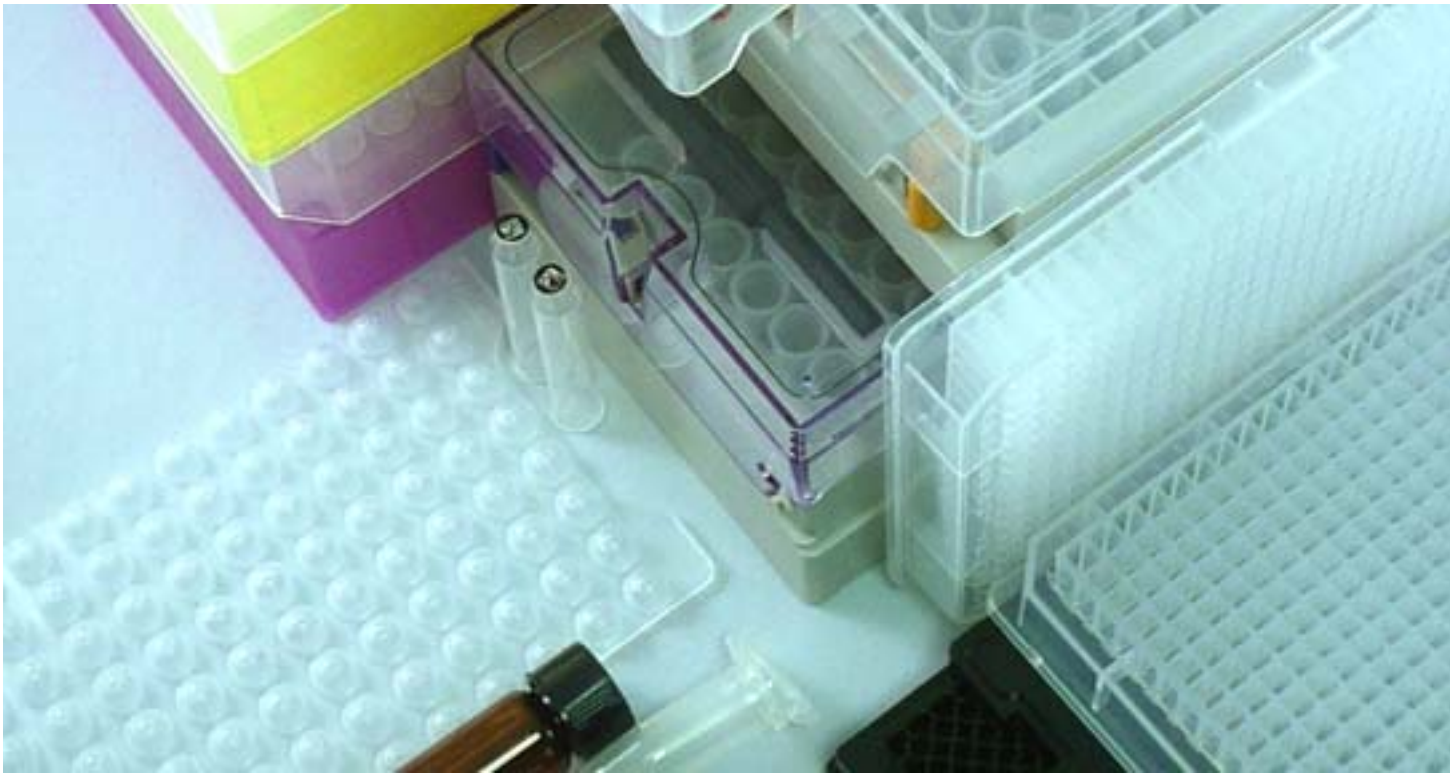

TimTec offers the following pre-designed collections for research/high throughput screening:

• **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 Nervious 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-α 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. 1H-NMR spectra are available upon request for all stock compounds.

ActiTarg-I (Potassium Channel Modulators)