

# 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

- 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
- <u>Privileged Structures</u> 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

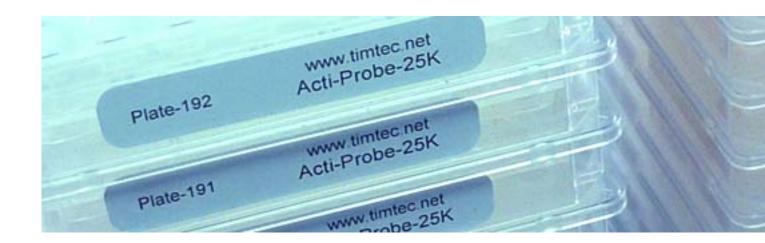
#### Custom Compound Collections

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)