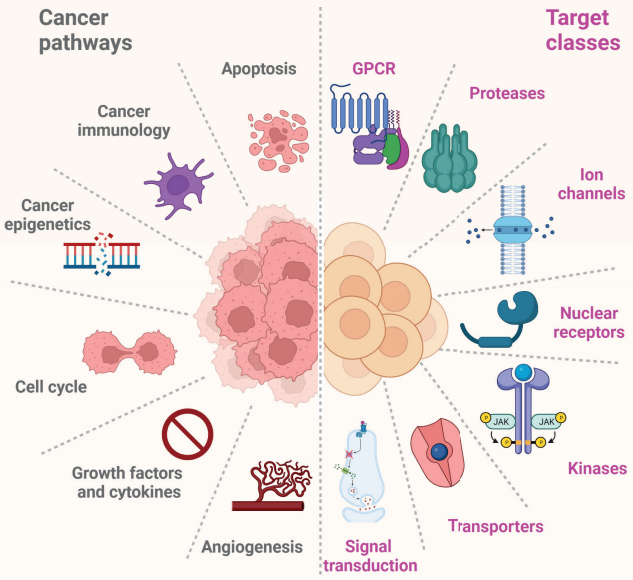
Enamine Bioactive Compounds

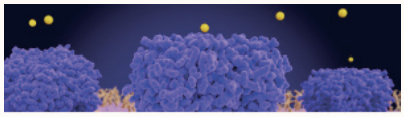
Enamine has the world's largest stock of small molecules exceeding 4 million compounds. We have created a comprehensive platform to navigate the database of **biologically active compounds** in our collection. Our unique multi-parameter **SMART Search** enables quick identification of the best sets of compounds for specific research needs based on their in-depth annotation in our database.

Services

- All molecules are provided with **full biological activity annotation** and references from scientific literature
- **Pre-plated** and **custom ready-to-screen bioactive sets** of compounds dedicated to the type of action, cellular pathways, activity coefficient values, chemical attractiveness
- **Custom compound search (SMART Search)** against targets, pathways, type of action, activity



Bioactive Libraries

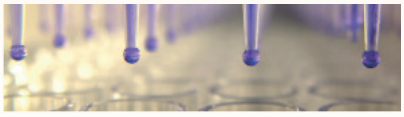


Focused on Signaling Pathways and Protein Classes for screening against biological targets. With fully annotated information on pharmacological and pathophysiological mechanisms of action

- Angiogenesis Related Ligands
- Apoptosis Related Ligands
- Cancer Immunology Related Ligands
- Cell Cycle Related Ligands
- Epigenetics Related Ligands
- GPCR-building Ligands
- Growth Factors and Cytokines Ligands
- Ion Channel Ligands
- JAK-STAT Signaling Ligands
- Kinase Inhibitors
- Membrane Receptors Ligands
- Nuclear Hormone Receptor Ligands
- Protease Inhibitors
- Signal Transduction Related Ligands
- Transporter Ligands

Bioactive Screening Compounds for target-based or phenotypic screening

- Bioactive Compounds Library I *(compounds with sub-10 µmol activity coefficient values plus FDA approved drugs)*
- Bioactive Compounds Library II *(compounds with sub-1 µmol activity coefficient values plus FDA approved drugs)*
- Bioactive Compounds Library III *(compounds with sub-10 nmol activity coefficient values plus FDA approved drugs)*
- QED Bioactive Library *(compounds with sub-10 µmol activity coefficient values and QED>0.7)*



Approved Drugs / Drug Repurposing

- Approved Drugs *(FDA, EMA, NMPA, PMDA)*
- FDA Approved Drugs
- FDA Approved and Potential Drugs
- Investigational Drugs