

# Empower Your In Silico AI Drug Therapy Candidates: Converting Digital Models into Real-World Lab Breakthroughs

## Our Mission

To empower biotech innovators by delivering rapid, high-quality analytical testing and manufacturing support—bridging the gap between advanced AI predictions and empirical laboratory results.

## Who We Are

Prolytix is a cutting-edge bioanalytical and GMP-compliant service provider dedicated to supporting AI-driven biotech companies. We transform digital, in silico drug leads into tangible, validated wet lab data that accelerates drug discovery and development.

## Key Service Offerings

- **Advanced Bioanalytical Testing**
  - High-throughput screening, MSD, HPLC, and ELISA
  - Assay development, validation, and in-depth pharmacokinetic (PK), pharmacodynamic (PD), and toxicity and clinical studies
- **Rapid Data Delivery**
  - Swift, seamless delivery of validated analytical data directly to your team
  - Empowering continuous improvement of your AI predictive models
- **GMP-Compliant Process & Manufacturing Support**
  - Scalable production support from early-stage candidates to clinical materials
  - Robust quality assurance aligned with global regulatory standards
- **Consulting & Custom Solutions**
  - Expert regulatory guidance and process optimization
  - Tailored automation strategies that integrate lab results into your AI pipelines

## Why Choose Prolytix?

- **Bridging the Digital-Empirical Divide:**  
We convert in silico AI drug product leads into actionable wet lab data, fueling iterative refinement of your predictive models.
- **Accelerating Drug Discovery:**  
Our state-of-the-art instruments and robotic automation reduce turnaround times, ensuring rapid, reliable data that shortens development timelines.
- **Ensuring Quality & Compliance:**  
Fully certified under GMP and GLP, our rigorous processes guarantee data integrity and regulatory readiness.
- **Scalable & Integrated:**  
Designed to grow with your needs, our services provide a dynamic feedback loop that continuously informs and enhances your AI-driven drug discovery process.

### **Our Impact:**

#### **Faster Time-to-Market:**

Empirical validation of AI predictions leads to quicker decision-making and reduced development costs.

#### **Enhanced Model Accuracy:**

Real-world data integration drives continuous improvement of drug discovery models, increasing the likelihood of clinical success.

#### **Regulatory Confidence:**

Comprehensive documentation and adherence to quality standards ensure smoother regulatory approval processes.

**Learn More: [info@goprolytix.com](mailto:info@goprolytix.com)**

