



Enamine Announces Expansion of Its Library Synthesis Capabilities

March, 2024, Kyiv, Ukraine. Enamine Ltd, the global leader in supplying small molecules and early drug discovery services, announces the expansion of its library synthesis capabilities with a focus on Enamine REAL compounds to further support the growing demands of agricultural and pharmaceutical companies, research institutes, and drug discovery centers.

Enamine REAL (REadily Accessible) universe stands at the forefront of drug discovery, housing over 2.7 trillion meticulously curated molecules that are synthesized with over 80% success rate within 3-4 weeks. This expansive resource facilitates compliant virtual screening and analog searches and significantly boosts the hit discovery and expansion processes making it an indispensable tool for the global research community. Understanding the crucial role of fast delivery of the ready-to-screen REAL molecules, Enamine announces a 25% expansion of its Parallel Chemistry Department with an experimentation throughput of up to 40,000 compounds per month. This has been achieved by team expansion, adjusting the shifts, and workflow optimization.

Yurii Moroz, Ph.D., Vice President of Sales and Marketing at Enamine, commented: "This strategic growth is aimed at accelerating research processes and meeting the demands of clients more swiftly. The expansion reinforces Enamine's commitment to providing top-notch service and cutting-edge solutions in the fast-paced world of drug discovery."

Dmytro Radchenko, Ph.D., Head of Parallel Chemistry at Enamine, added: "Our primary focus remains dedicated to delivering novel compounds, refining our methodologies, and consistently expanding borders of synthetically accessible chemical space."

About Enamine

Enamine is a scientifically driven integrated discovery Contract Research Organisation with unique partnering opportunities in exploring new chemical space. The company combines access to the in-house produced screening compounds (4M in stock) and building blocks (300K in stock) with a comprehensive platform of integrated discovery services to advance and accelerate the efforts in Drug Discovery. For more information visit: <https://enamine.net>

About Enamine REAL Space

Enamine REAL Space contains over 38 billion make-on-demand molecules that can be synthesized at Enamine extremely fast (3-4 weeks), with high feasibility (over 80%), and inexpensive. The REAL compounds are created by parallel chemistry through the compilation of 137,000 building blocks via 167 different synthesis protocols, underlying Enamine's approach to design make-on-demand compounds to maximize synthesis success rate.