



Metrion Biosciences enhances High Throughput Screening services with access to Enamine compound libraries

Access to compound collection enables greater flexibility and efficiencies in screening and target identification

Cambridge, UK and Kyiv, Ukraine, 11 April 2024: Metrion Biosciences Limited ("Metrion"), the specialist ion channel and cardiac safety screening contract research organisation (CRO) and drug discovery company, and Enamine Ltd ("Enamine"), the global leader in supplying small molecules and early drug discovery services, announced that Metrion has enhanced its High Throughput Screening (HTS) services with the addition of access to Enamine's compound libraries.

The Enamine compound library collection is the largest in the world and includes both CNS and ion channel focused target libraries. The libraries can be split into discrete screening sets, enabling increased flexibility and efficiencies in screening and target identification. In addition, 'analog-by-catalog' from Enamine in-stock and 'make-on-demand REAL libraries' present a fast and economical solution for hit expansion and SAR (structure-activity relationships) studies.

To ensure diversity and cost-efficiency, researchers can access specialist advice from Metrion's team of ion channel and HTS experts to determine the most effective approach. The Company will also provide a Structured Data File of all libraries to compare against existing libraries, further increasing efficiency.

Metrion's HTS capabilities were launched in November 2022 as an addition to its extensive preclinical ion channel drug discovery and safety pharmacology services, to complement the Company's automated and conventional electrophysiology services. Metrion's HTS capabilities include 384 well screening via FLIPR Penta and Qube-384 systems. The services provide significant additional capacity and flexibility to support ion channel drug discovery projects for the Company's global client base.

Gary Clark, Director of Screening Technologies, Metrion Biosciences, said: "The combination of our specialist ion channel expertise with substantial HTS and hit-finding experience gives customers access to a dedicated team of drug discovery scientists, ensuring the correct strategic choices are made in compounds selected for screening. This additional access to the highest quality screening libraries from Enamine increases diversity and enables Metrion to maximise R&D budgets even more effectively."

Vladimir Ivanov, Executive Vice President, Enamine, commented: "Enamine is focused on delivering novel chemical compounds to support drug discovery. We are delighted that Metrion is adding access to our libraries to its HTS services offering. Enamine is also able to support subsequent steps of the discovery process including hit resupply, analoging from our in-stock and make-on-demand REAL libraries, and custom synthesis of advanced hits and leads."

For more information: <https://www.metrionbiosciences.com/>

-ENDS-

Notes to Editors



*Gary Clark, Director of
Screening Technologies,
Metrion Biosciences*



*Vladimir Ivanov,
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About Metrion Biosciences

Metrion Biosciences is a specialist ion-channel and cardiac safety screening contract research organization and drug discovery business. The Company provides customers with access to a range of high-quality ion channel assays on a fee-for-service or collaboration basis. Metrion Biosciences' ion channel expertise includes an industry leading panel of in vitro cardiac ion channel safety assays, translational native cell and phenotypic assays for neurological and cardiotoxicity testing, and a range of other ion channel screening services such as cell line development and optimization. Metrion Biosciences is able to provide tailored assay formats, data analysis and reporting solutions, effective project management and quality assured data packages.

For more information, please visit www.metrionbiosciences.com
LinkedIn: [@metrion-biosciences](#) | X: [@metrion_biosci](#)

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 inhouse produced screening compounds (4.2M 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.