

Optibrium and MolPort Collaborate to Improve Speed and Cost-Efficiency of Drug Discovery

Partnership combines MolPort's 6.3 Million HTS Compounds with StarDrop's data analysis and compound design capabilities

CAMBRIDGE, UK and RIGA, LATVIA, 30 November, 2016 – Optibrium™, a developer of software for small molecule design and optimisation, today announced a collaboration with MolPort, the provider of a comprehensive chemicals database, marketplace and order fulfillment platform. The collaboration offers StarDrop™ users fully integrated access to MolPort's drug discovery database of 6.3 million commercially available screening compounds and chemical building blocks via its curated collection of catalogues from major chemical suppliers. The latest in a series of recent partnerships with commercial providers, this link with MolPort further extends StarDrop's capabilities to improve the speed, efficiency, and productivity of the drug discovery process.

MolPort specialises in the sourcing, and effective single supplier access, of chemicals for drug discovery. From a collection of curated catalogues from all major suppliers, MolPort has created a marketplace and order fulfillment platform for commercially available chemistries which includes 6.7 million high-throughput screening (HTS) compounds.

StarDrop users can access the MolPort database to quickly search for commercially available screening compounds and reagents. The free link enables users to not only look for exact chemical matches but also select compounds based on similarity to the chemistry of interest. This provides an invaluable tool for chemists to easily enrich their understanding of structure–activity relationships (SAR) in a project's chemistry. MolPort's compound search results are presented directly in StarDrop, where its unique capabilities for analysis of SAR and compound optimisation guide the selection of compounds with an improved chance of success.

Dr Matthew Segall, CEO of Optibrium, commented: "We are pleased to be working with MolPort in our latest collaboration with leading providers in drug discovery and wider chemistry fields. MolPort specialises in sourcing large numbers of chemicals from an array of large and the more niche suppliers and StarDrop users can now benefit from seamless access to some 6.3 million screening compounds and building blocks."

Dr. Imants Zudans, CEO of MolPort said: "Over 85% of product inventory listed in the MolPort database is synchronized daily with suppliers. StarDrop users gain direct access to these up-to-date data and can have a very high degree of confidence that all samples can be ordered immediately from MolPort, reducing design-test cycle times."

For further information on Optibrium and StarDrop, please visit www.optibrium.com/stardrop/stardrop-integration.php or contact info@optibrium.com.

For further information on MolPort, please visit www.molport.com/shop/about-us or contact customerservice@molport.com.

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About Optibrium Ltd

Optibrium provides elegant software solutions for small molecule design, optimisation and data analysis. The company's lead product, StarDrop, is a comprehensive suite of integrated software with a highly visual and user-friendly interface. StarDrop enables a seamless flow from the latest data through to predictive modelling and decision-making regarding the next round of synthesis and research, improving the speed, efficiency, and productivity of the discovery process.

Founded in 2009, Optibrium is headquartered in Cambridge, UK with offices in Boston, US. Optibrium continues to develop new products and research novel technologies to improve the efficiency and productivity of the drug discovery process. Optibrium works closely with its broad range of customers and collaborators that include leading global pharma, agrochemical and flavouring companies, biotech and academic groups.

For further information visit www.optibrium.com or join in discussions on improving the productivity of drug discovery at www.optibrium.com/community.

About MolPort

MolPort has created a global chemical compound marketplace which enables chemists to find suppliers and thus help lab researchers greatly reduce the cost and time required for ordering chemicals for their pharmaceutical or biotech research needs. The centralized sourcing and logistics offered by MolPort can particularly simplify the complex and time consuming process of ordering a large number of compounds, for example, screening compounds. Time saved on evaluating all suppliers and their offers and arranging purchase and delivery greatly speeds up the ordering process.

Data on available compounds, their suppliers and prices can be accessed via MolPort's e-marketplace molport.com, or as a downloadable database in SMILES and SD file format, web services and workflow tools KNIME and Pipeline Pilot.

Founded in 2006, MolPort operates from Riga, Latvia (EU). MolPort customers include 9 of the top 10 world universities for chemistry, in addition to world-class research institutes, biotechnology and pharmaceutical companies from 65 countries.