# Probes & Drugs Portal in 2022: A Hub for the Integration of High-quality Bioactive Compound Sets

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Probes & Drugs (P&D) portal (probes-drugs.org) was released in 2017 to address the problems in the field of chemical probes and other high-quality chemical tools, concerning mainly the fragmentation and obsoleteness of the available data. Since then, it has become one of the major and most comprehensive resources in the field that serves as a hub for the integration of high-quality bioactive compound sets. Apart from the data integration, P&D recently established its own approach to evaluating the probe-likeness of compounds labelled as chemical probes (so-called probe-likeness score) and a live set of high-quality chemical probes (utilizing the score in combination with other key criteria), updated with each new version of P&D. As of ver. 01.2022, this set contains 669 compounds covering 518 primary targets. The synergy between integrated data sources and tools available for their analysis makes P&D a unique discovery platform designated not only for experts in the field of chemical biology but for a wider scientific community with limited knowledge in this area.