



# DIVERSITY LIBRARIES

ChemBridge® draws from its extensive stock to create diversity libraries that provide our clients access to small molecule libraries offering diverse chemotypes and pharmacophores at attractive prices. These diversity libraries provide ideal starting points for clients looking for a wide range of chemical structure diversity to screen against targets from many classes or where little biological information is available to support targeted or focused screening.

## DIVERSet

ChemBridge offers two, complementary DIVERSet® Libraries: The DIVERSet-EXP Library and the DIVERSet-CL Library. Each library offers a diverse set of 50,000 compounds with extensive pharmacophore coverage for primary screening. Stringent druglike and desirable chemical group filters coupled with a 3D conformer analysis are used to select a diverse set of 50,000 druglike compounds for each library that offer maximum pharmacophore coverage and chemical structure diversity. DIVERSet-EXP Library compounds are selected from our EXPRESS-Pick™ Collection stock, and DIVERSet-CL Library compounds are selected from our CORE Library stock. The DIVERSet libraries are ideal tools for screening programs that require high diversity and quality druglike/leadlike compounds, and the two, complementary sets can be combined to create a 100,000 compound library that maintains overall diversity. Subsets starting at 10,000 compounds can be purchased from either DIVERSet Library, and both are available in 96-well and 384-well format.

## PremiumSet

Our PremiumSet™ Library draws from both our EXPRESS-Pick Collection stock and our CORE Library stock. The PremiumSet Library provides a library of 50,000 compounds that have been selected to provide chemical structure diversity and also offer the most attractive features found in druglike and leadlike compounds. Based on almost two decades of experience providing commercial screening libraries and the production of hundreds of exclusive libraries for major clients, ChemBridge has developed our proprietary SCORE program that identifies chemical structure features considered to be highly attractive by researchers working in drug discovery and chemical biology. The PremiumSet Library features some of the most diverse and attractive compounds from our two, non-overlapping, screening compound stocks. Subsets starting at 10,000 compounds can be purchased from the PremiumSet Library, and the PremiumSet Library is available in 96-well or 384-well format.

## CombiSet

The 30,000-compound CombiSet Library offers a selection of compounds from our CORE Library stock at a lower cost point than a custom, cherry-picked selection. Multiple scaffolds are represented, with a sampling of final compounds around each of the scaffolds. Subsets of 10,000 and 20,000 compounds are available, and the CombiSet Library can be provided in 96-well or 384-well format.

## MicroFormat

The MicroFormat Library provides compounds in pre-plated format selected from the 480,000 compound EXPRESS-Pick Collection stock, offering access to a large number of compounds at an attractive price point. MicroFormat compounds can be combined with DIVERSet Library, PremiumSet™ Library or CombiSet Library compounds to expand to larger library sizes using pre-plated formats. Available in 96-well or 384-well format.