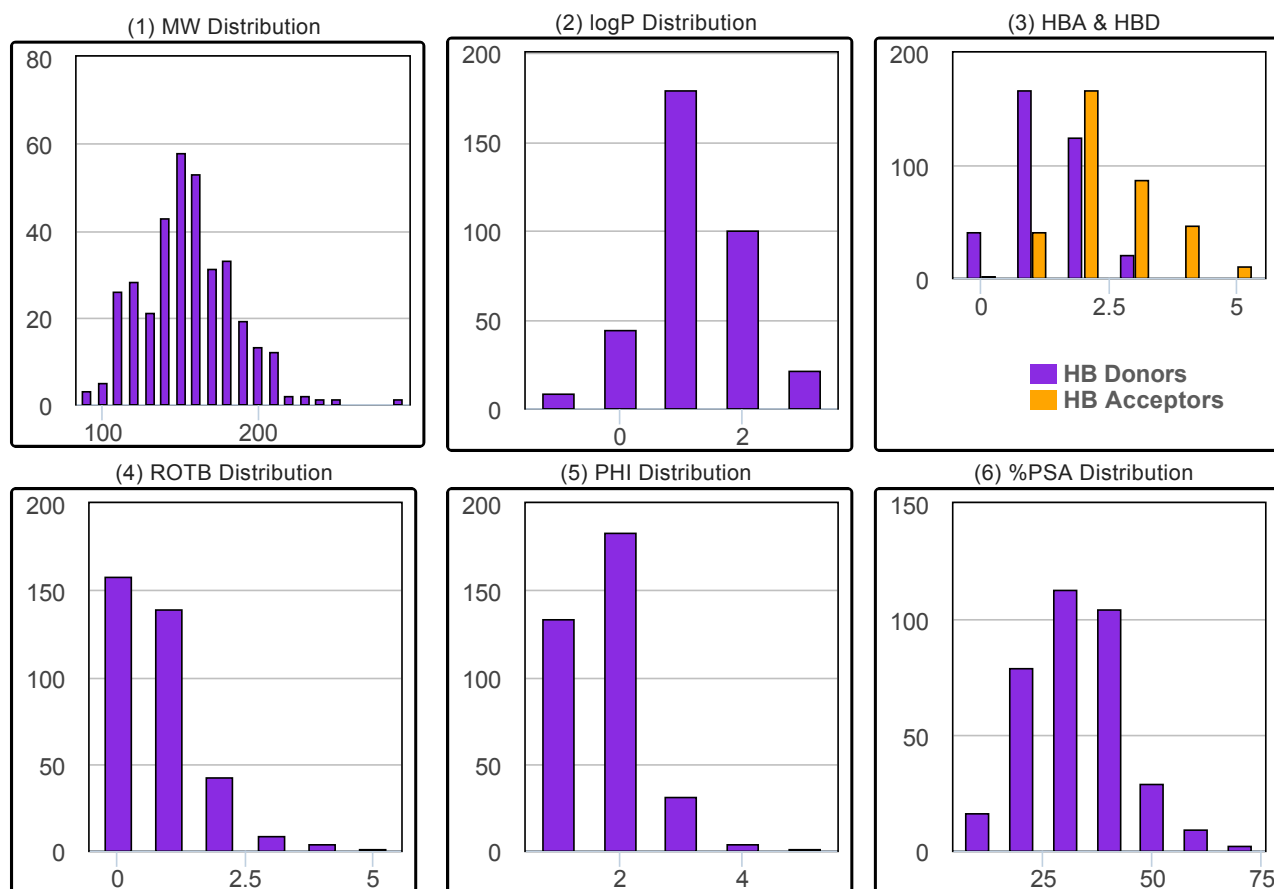
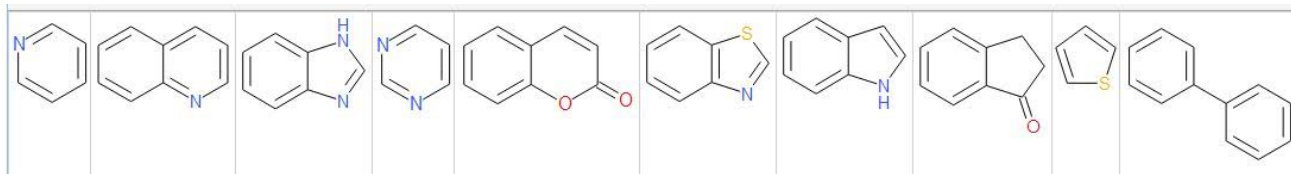


Description

ZEN-LIBRARY 1™ is composed of 352 compounds hand selected with a focus on cores found in drugs. All compounds are composed of at least one ring with the majority being aromatic (70%). ZEN-LIBRARY 1™ has a higher functional diversity than other Zenobia Libraries permitting efficient sampling of drug-like chemical space. ZEN-LIBRARY 1™ has been used world-wide for over 10 years yielding hits for over 100 therapeutic targets, including protein-protein interactions. Hits have been detected by all popular methods including X-ray, NMR, thermal shift, SPR, and biochemical assay. All fragments are soluble to 200mM in 100% DMSO and 1mM in aqueous solution. Fragments are plated pre-grouped into shape diverse mixtures for efficient crystallographic screening.

Representative Cores



LEGEND: Zen-DC: Zen-Diversity Coefficient=(Number of unique cores)/(Total number of compounds), provides a read-out of core diversity of the library. Properties: (1) Molecular Weight; (2) logP; (3) Hydrogen bond donors and acceptors; (4) Rotatable bonds; (5) Kier and Hall flexibility index; (6) Fractional polar surface area.

For additional information contact Erika Zehm, Director of Sales and Marketing, Zenobia Fragments (erika@zenobiatherapeutics.com, tel. 1-619-249-5213).