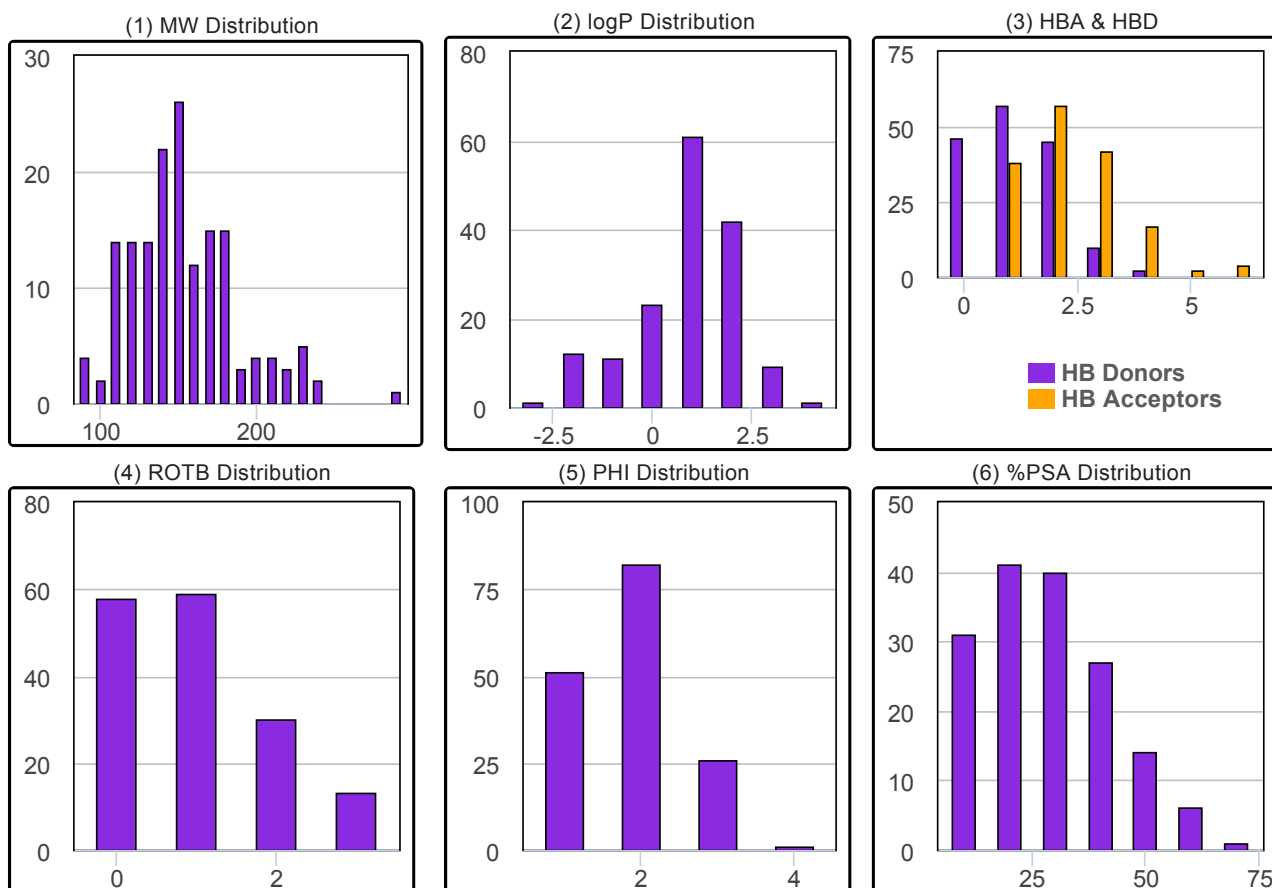
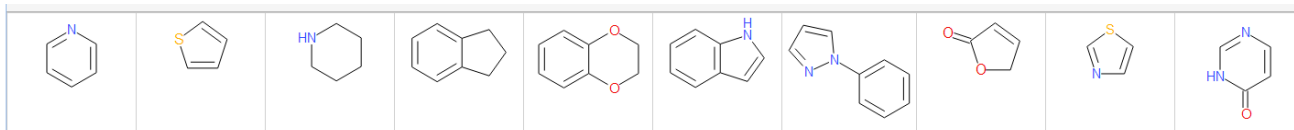


## Description

ZEN-OPTI™ is a fragment library of 160 unique compounds having intermediate complexity to cohesively bridge ZEN-LIBRARY 1™ and ZEN-LIBRARY 2™. It combines the optimum design principles and characteristics from both ZEN-LIBRARY 1™ and ZEN-LIBRARY 2™ in a stand-alone library containing additional drug-like and unique cores to increase the overall core diversity and sp<sup>3</sup> character. The ZEN-OPTI™ screen has been used world-wide for over 5 years yielding hits by all popular methods including X-ray, NMR, thermal shift, SPR, and biochemical assay and is a great addition to Zenobia's fragment library collection. All fragments are soluble to 200mM in 100% DMSO and 1mM in aqueous solution.

## 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.

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