

**Application**

Zen-Core288\_384 is intended for drug discovery by fragment screening. It is suitable for all technologies that can detect weak binding (for example, NMR, SPR, thermal shift, crystallography). It may also be used for high concentration biochemical screening.

**Physical design**

- The library contains a total of 288 compounds.
- Library is provided in 1 384 well plate. Each well contains 1 $\mu$ l of a 200mM solution of one unique fragment. The solvent used to solubilize each fragment has been optimized and is identified in the attached excel spreadsheet.

**Library preparation**

- We recommend that the plate be stored at -20deg C until ready for use
- We recommend centrifuging the plate before use to ensure all compound is at the bottom of the well. Plates are centrifuged before shipment.
- Please remove lid carefully to ensure compound remains in the wells.
- The plate is now ready for your own personal screen. Remaining components of the assay may be added directly to the 384 well plate. Empty wells may be used for controls, etc.

**Performing the fragment screen**

- The compounds in this library are soluble to  $\geq 1$  mM in aqueous solution which is sufficient for a typical screen

**For technical support, please contact [erika@zenobiatherapeutics.com](mailto:erika@zenobiatherapeutics.com)**