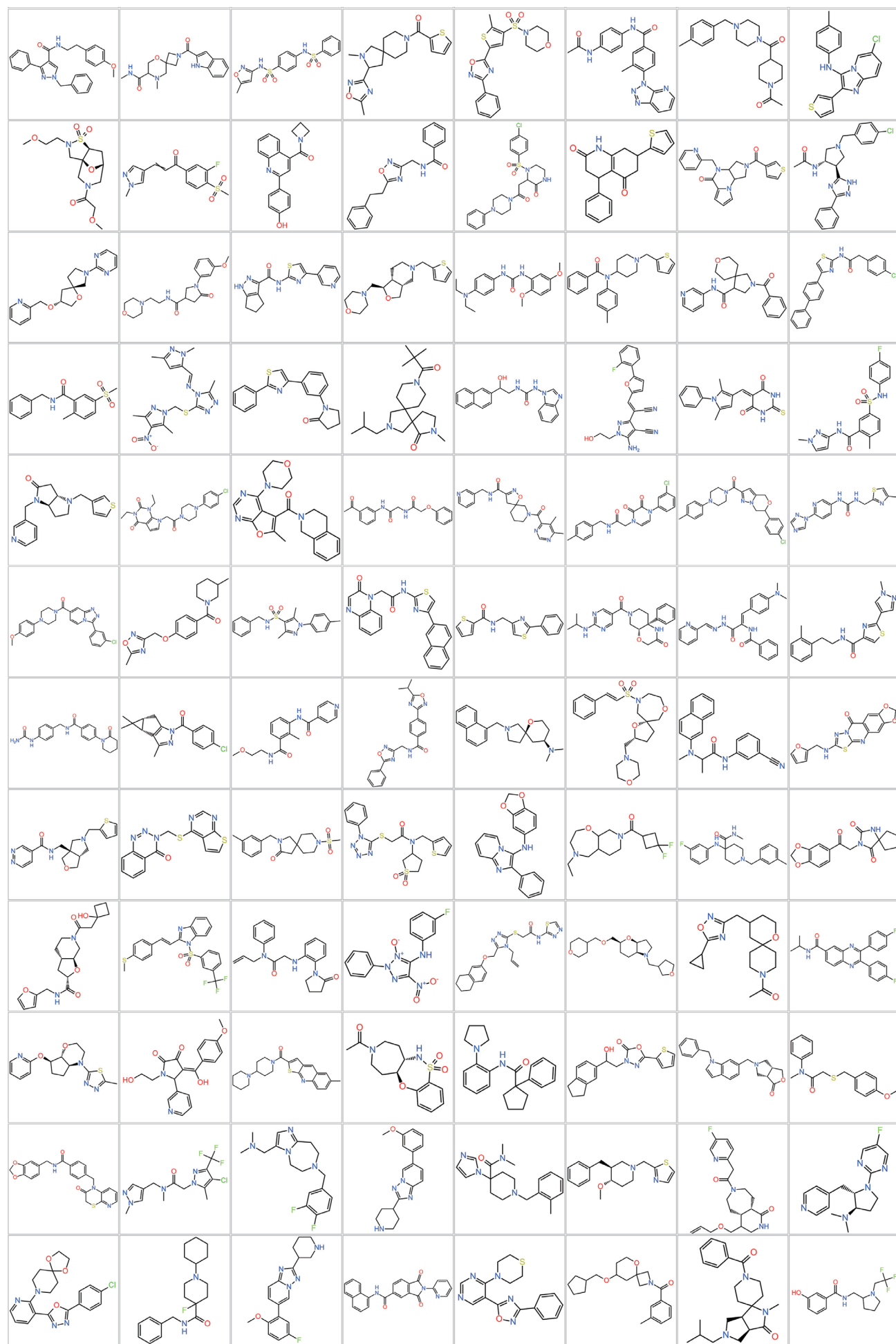




Diversity Library



53,359 Compounds
in Stock

384-Well Plate
Solution

Cherry Pick
Powder

hit-chem.com
marketing@hit-chem.com

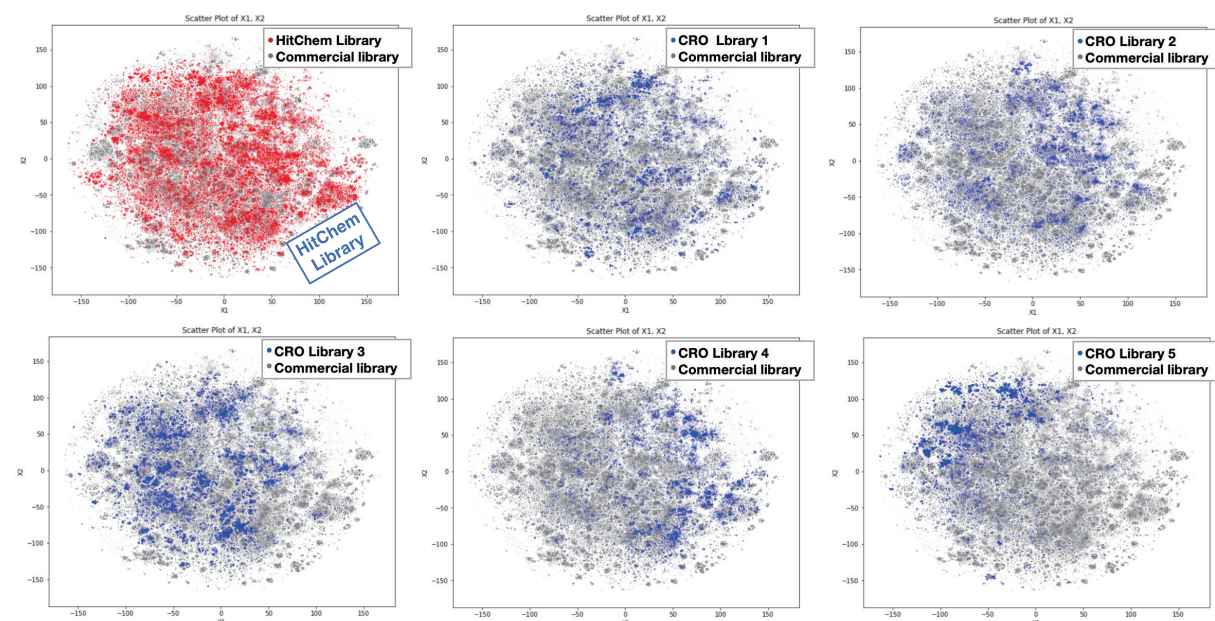


LinkedIn



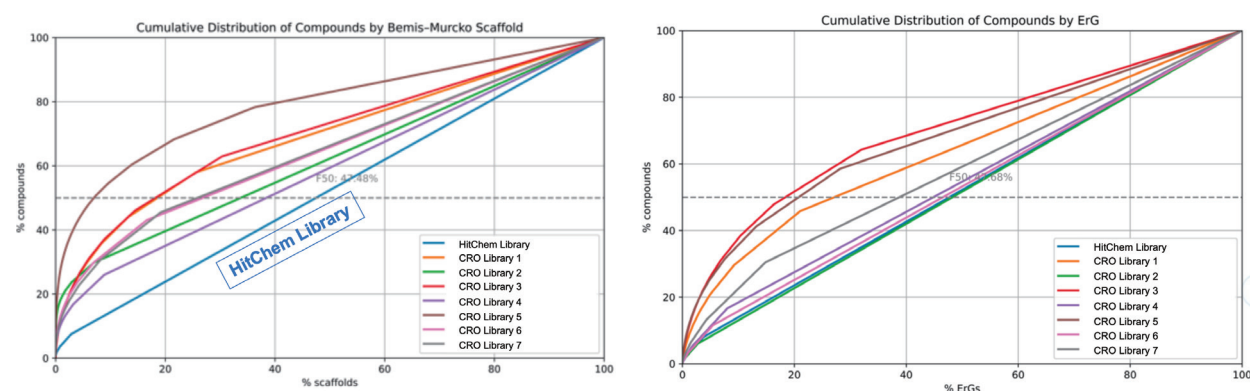
Website

HitChem Diversity Library Covers A Broader Range of Chemical Space than Commercial Diversity Libraries

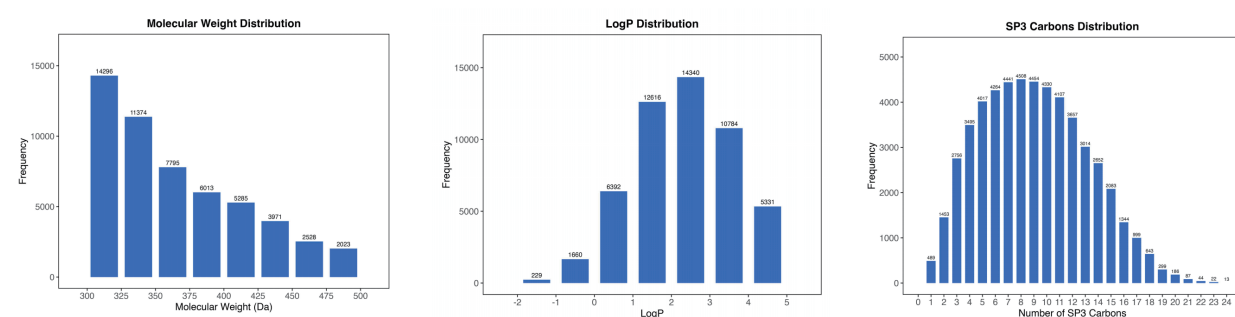


53,359 compounds from the HitChem library cover a chemical space comparable to that of 762,000 compounds collected from commercial vendors.

Diversity Library Offers The Most Well-diversified Scaffold And Pharmacophore Distribution among Commercial Diversity Libraries

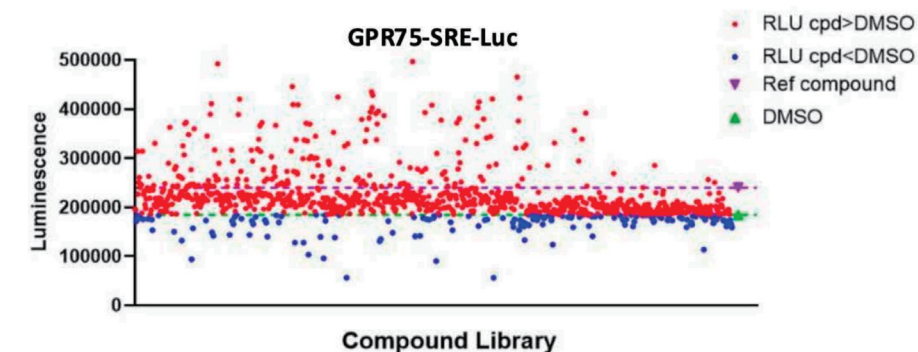


HitChem Diversity Library Covers A Broader Range of Chemical Space than Commercial Diversity Libraries

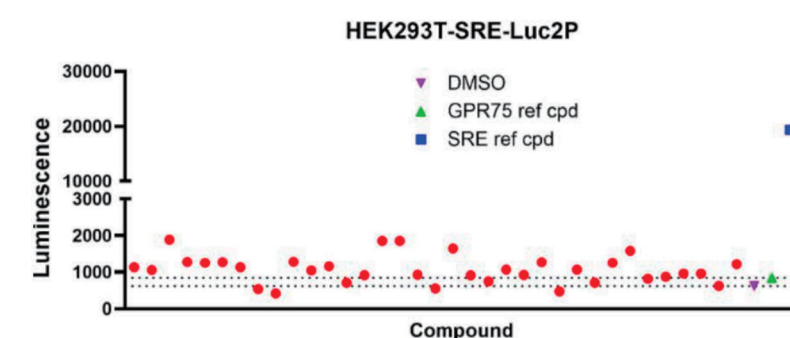


Case Study Find GPR75 Small Molecule Modulator Using HitChem Diversity Library

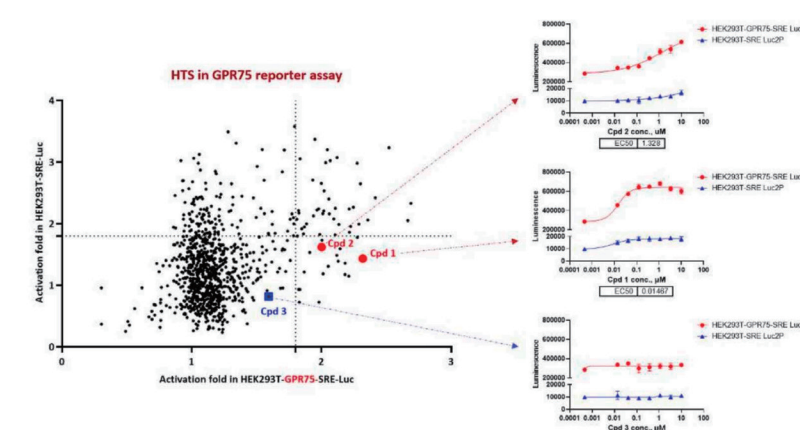
Primary Random Screening



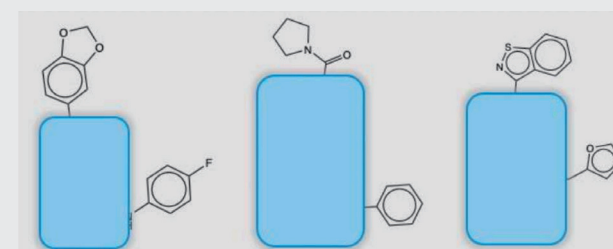
Counter Assay Validation



Dose-Response Curves of Selected Top Hits with EC50 ranges from 0.0147 to 0.1328 μ M



Simplified Diagram of Compound



- 3 series with 25 cpds were searched based on 3 hits from the HTS.
- 2 series showed SAR, and all of the compounds are “L” shaped like with similar distribution of H bond donor and acceptor.
- The hydrophobic group seems play a key role for bioactivity.