Golden Fragment Library

The fragments set of most representative and diverse small molecules available from Enamine stock Collection. All the fragments passed through manual inspection and experimental solubility limit of 1mM. Strict structural filters with removing of abundant and trivial cores were applied to the final selection that is characterized by the following features:

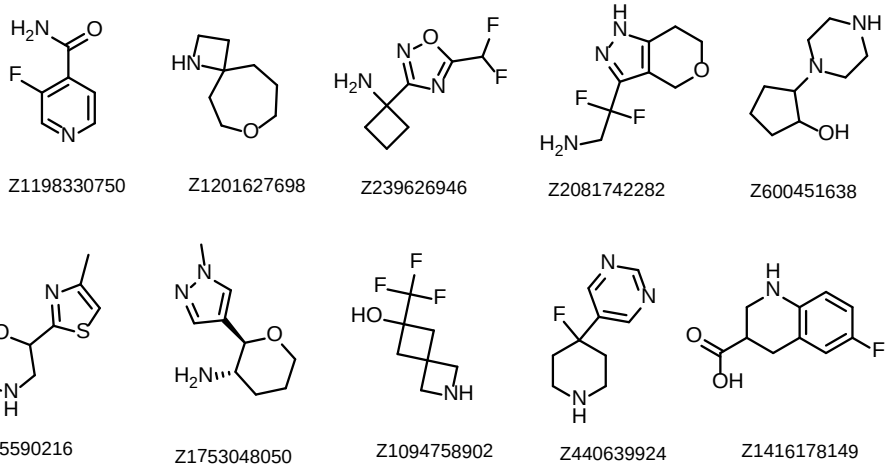
Strict Ro3 compliance: 100% with *t*PSA limit 90 Å^2, HAC ≤ 19

Novelty
improved by Enamine building blocks collections that are continually being updated with drug like structures occupying new chemical space.

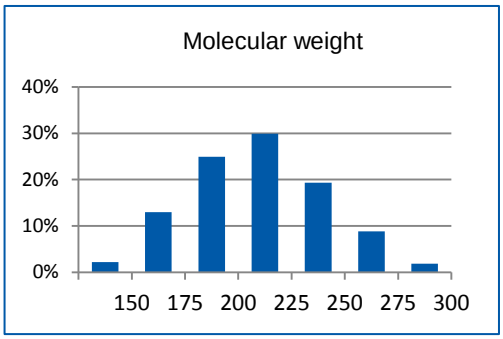
Diversity
controlled on scaffold populating level and framework abundance, mean Tanimoto distance screen 80% (ECFP4 fingerprints).

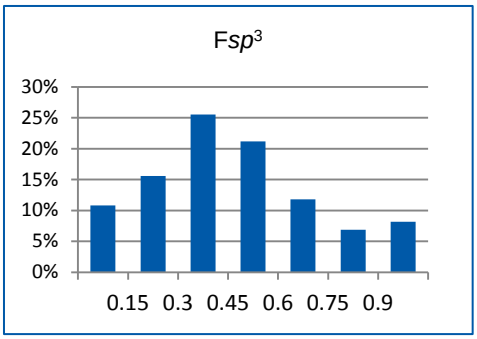
Unique character
unique chemotypes coming with Enamine's longstanding and constantly evolving synthetic experience with implementation of latest research achievements.

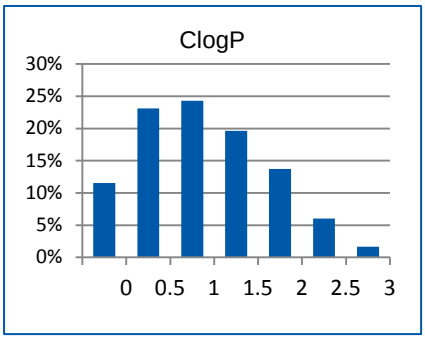
Measured Solubility
all compounds have minimum solubility of 1mM in PBS buffer solution.



Representative examples of fragment structures in Golden Llibrary.







Total number of compounds in the Library **1 700**