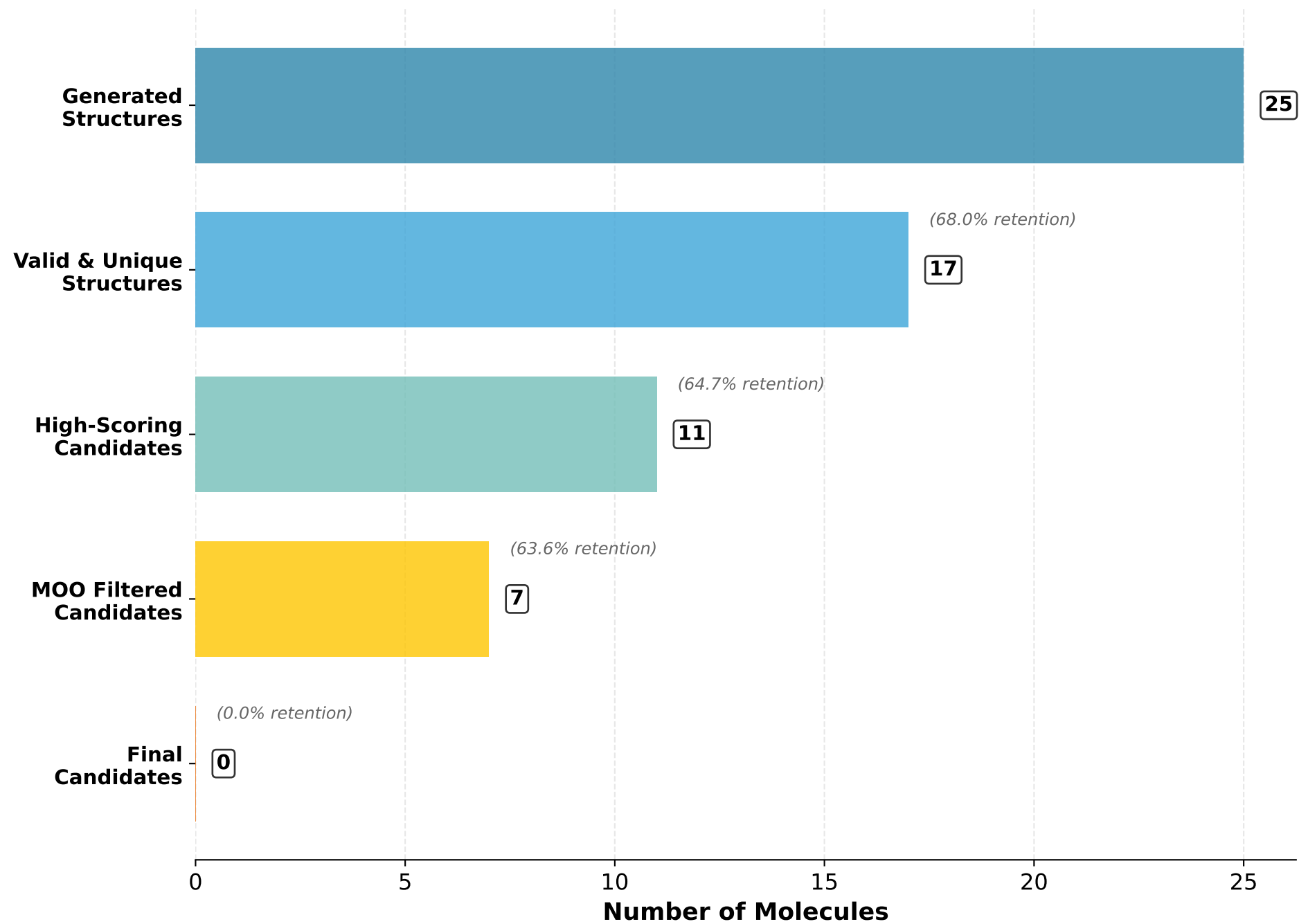


Multi-Objective Optimization Funnel



Pipeline applies sequential filters: validity → uniqueness → model scoring → multi-objective optimization (stability, reactivity, SA) → clinical profiling