

# Axxam's Diverse Library: AXX<sup>DIV4.0</sup>

*Whatever the assay, hits will only be as good as the compounds tested*

Axxam has completely renewed its screening library in recent years: the resulting collection, AXX<sup>DIV4.0</sup>, consists of **325.000** carefully selected compounds.

## AXX<sup>DIV4.0</sup> composition

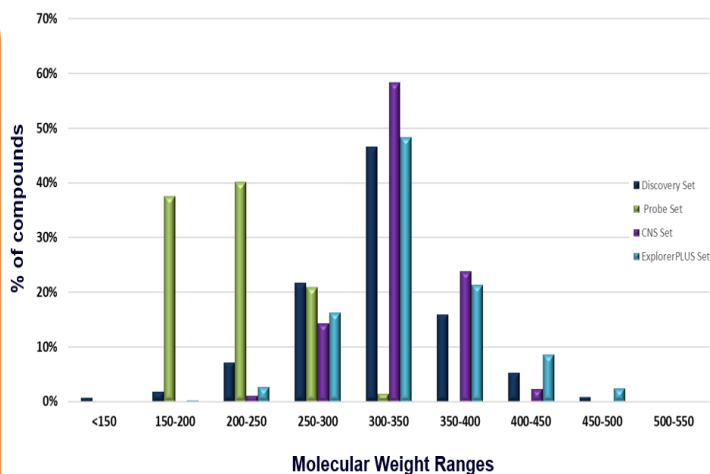
In order to address the different needs of our customers, the new screening collection AXX<sup>DIV4.0</sup> is composed of four different sets (no overlap):

**DISCOVERY SET:** ~180.000 lead-like molecules, providing a scaffold-based approach

**EXPLORER<sup>PLUS</sup> SET:** ~98.000 lead-like singletons, ensuring highest chemical diversity. Ideal for novel peripheral and central targets

**PROBE SET:** ~12.000 decorated fragment-like molecules. Ideal starting point for structure-enabled programs.

**CNS SET:** ~35.000 lead-like singletons, specifically biased for CNS, pain and intracellular targets



*Driven by quality and diversity,  
not target class focus*

The selection of the compounds was guided by our **consolidated lasting screening expertise** and **significant input from our team of medicinal and computational chemists.**

**Contact us to receive more information**

## AXX<sup>DIV4.0</sup> Highlights

**HIGH NOVELTY:** recently synthesized lead-like small molecules

**HIGH QUALITY:** multiple filters applied to exclude unwanted features

**HIGH FLEXIBILITY:** subsets can be accessed independently

**HIGH SPEED:** building blocks available through our provider to speed up hit expansion and optimization process