



For more than 30 years, Specs has been providing chemical compounds to pharmaceutical and biotechnology companies and research organizations to drive their drug discovery programs. These compounds are acquired from a range of academia and research institutes worldwide.

Specs currently stores a dynamic library of more than 350,000 unique compounds. We continuously add compounds to our collection, but only those that meet our strict selection criteria. Our ever-expanding worldwide network of participating chemists ensures a continuous influx of innovative and globally diverse compounds. To be submitted into the Specs stock, these compounds must be new, exhibit structural characteristics of a biologically active compound and must also meet ADMET requirements.

### Screening compounds

The Specs collection of screening compounds contains nearly 300,000 compounds available in 1mg amounts and over 200,000 compounds available in 10mg amounts or more. In case a certain compound

shows activity in your screening platform, a confirmation sample can be obtained. Our re-supply rate is over 90%. From all compounds in the Specs stock, a small amount is retained and only available to customers who have purchased the compound before. On average, the molecular weight ranges from 175 to 500 Dalton with a purity level of at least 90% but most compounds have a purity of >95%. Sample delivery can be customized to tailor-fit your specific requirements in (your own) vials, tubes or plates. The latter can be supplied in mass or molar quantities, dissolved in DMSO or as a dry film.

### Building blocks

Most building blocks in the Specs database are solid organic synthetic compounds with a molecular weight (of the core structure) of less than 350 Dalton. We consider building blocks to be small (hetero) cyclic (fused) ring compounds with one or more chemical handles, suitable for further synthesis. The standard minimum purity is  $\geq 95\%$ . We provide unique and novel building blocks that are usually not commercially available from >>>

>>> other suppliers. The Specs building block catalogue currently contains over 8,500 unique, in-stock compounds.

### Natural products

Chemical diversity in nature is based on biological and geographical diversity. Due to Specs' global sourcing program, we offer a diverse and unique set of isolated and synthesized natural products from plants, fungi, marine organisms and bacteria and natural product derivatives. We do not offer extracts, only isolated or synthesized and well charac-

terized compounds with a purity level of more than 80%. Currently we have almost 800 natural products in stock, generally available in vial format from 5mg and more but also available as a pre-plated set in five 96-well plates.

In 2000, Specs was the first compound supplier to launch an online chemical search engine enabling structure-based searches and ordering of chemical compounds. Our complete compound repository, together with viewable and downloadable analytical data, can be accessed online through [www.specs.net](http://www.specs.net).

