



**Specs has over thirty years of experience in processing and handling chemical compounds for the Life Science industry. Besides being a reliable partner as a supplier of high-quality research compounds, a full compound management service is provided.**

#### **Compound management**

The compound management services are offered from our two main logistic centers in The Netherlands and Maryland, USA. Entire screening libraries, historical collections, duplicate plate sets, back-up sets, copies of existing plates or any small set of compounds can be processed. These reformatted libraries are uniform in vial or plate type and weight, barcodes and data for the respective content, all according to your requirements and specifications, ensuring faster and more effective access to your compound repository.

For compound libraries that are dedicated to ongoing research or screening activities and cannot leave your facility or control, we can perform these activities at the customers site. Specs will take

over the overall organization, investments in and management of personnel and hardware and software at your site location. We have a proven track record for these operations and references are available on request.

#### **Compound procurement**

For more than thirty years Specs has been acquiring compounds from various sources worldwide. We offer this expertise as an outsourced service. Specs can act as a third-party purchaser and will order compounds from the indicated vendors on your behalf and under your pricing conditions. Furthermore, we will reformat these compounds to meet your specific requirements. With only one contact, the ordering process is clear and much easier to manage. Only a management- and reformatting fee are applied.

#### **Compound libraries**

The Specs in-house 350.000+ screening compound library consists of single synthesized, well-characterized and drug-like small molecules and has been >>>

>>> built through global acquisition programs utilizing a network of more than 2,000 academic sources worldwide. These compounds are available for ordering online through [www.specs.net](http://www.specs.net) and can be supplied in any given format; dry powder in vials, 96-, 384 or 1536 well plates (dry film or as DMSO solution), tubes or combinations thereof. Pre-selected targeted or diverse libraries are available in various formats and library sizes. All compounds are subjected to strict quality control procedures. LCMS and/or H-NMR analyses are carried out to ensure the integrity and our purity guidelines (>90% for screening compounds, >95% for building blocks and >80% for natural products).

### Chemistry services

The Specs Research Laboratory (SRL) provides versatile and state-of-the-art facilities for synthesis and research activities on screening compounds and building blocks. The chemistry performed at SRL covers the whole Specs product portfolio. Examples of chemistry that can be outsourced to SRL are:

- **custom synthesis**; synthesis of known and validated compounds
- **contract research**; outsourcing of (part of) research programs (feasibility studies, reaction scopes and optimizations)
- **hit follow-up (SAR)** on molecules from lead discovery programs
- **patent marker synthesis**.

### Cheminformatics

Over the years, Specs has built up an extensive knowledge and experience in the field of cheminformatics. A wide range of open source, proprietary and in-house developed software tools is available for designing focused or targeted libraries from the Specs compound library or from third party databases. We also provide consulting services to mine, identify and select compounds from any third-party supplier or for customer database analysis.

If you have any questions regarding our services, feel free to contact us at [info@specs.net](mailto:info@specs.net)

