CAS CUSTOM SERVICES℠

IMPROVED PROPRIETARY CHEMICAL MANAGEMENT THROUGH CUSTOM INVENTORY SCREENING

Solution success story



The challenge: Housekeeping of chemical repository

As an international company at the forefront of pharmaceutical innovation, Servier is continually optimizing its processes. Recently, Servier consolidated three R&D sites into one cross-disciplinary institute, creating a unique research hub to share ideas, equipment, and consumables.

The amalgamation of the individual chemical repositories resulted in a total of 47,000 chemical intermediate samples, equivalent to over 700 cubic feet, in Servier's new facility. These formidable numbers represented decades of innovation and showcased Servier researchers' continued effort to store and secure both proprietary molecules and products that were not commercially available at the time of synthesis.

With the ever-increasing repositories of commercial chemicals, Servier decided to purge its chemical inventory of commercial products and remove duplicates to free up storage space.

Performing online searches for individual chemical structures and filtering chemicals according to supplier availability proved laborious and was inadvisable for proprietary molecules. Servier needed a quick and secure way to filter its chemical inventory without compromising intellectual property or slowing down research activities.

CAS
A division of the
American Chemical Society

The solution: Custom chemical mapping against up-to-date compounds catalogs

As an experienced CAS SciFinder^{n} user familiar with the company's expertise in scientific information, Servier called on CAS, the authority in substance identification, to accelerate its chemical inventory sorting process while ensuring intellectual property protection.

Using an interactive, iterative process, the CAS Custom Services^{SM} team led a requirements discovery session with Servier, taking a deep dive into the problems the company was facing. By working side by side with Servier, CAS identified the key concerns and developed a custom solution to meet its needs.

CAS leveraged its unique scientific content, proprietary technology, and unmatched expertise to securely screen and categorize Servier's chemical compounds within a week. Through verified catalogs covering millions of unique, off-the-shelf products and hundreds of suppliers, CAS was able to flag roughly 40% of Servier's inventory as commercially available and unnecessary to store.

By significantly reducing inventory needs, this partnership allowed Servier to free up storage space for future projects and start its new facility on a sound base.



> **"The process was as fast as it could possibly be. Once the contract was signed, one last email and everything worked perfectly."**
>
> Raphaël Guignard,
> Chemistry department research leader,
> Servier Laboratories

> **Servier's chemical inventory was reduced by approximately 40% in preparation for the move to its new research facility.**
>
> CAS estimate

Find out how CAS Custom Services can help you transform scientific data into actionable, evidence-based insights that maximize investment and fuel success.
Learn more at cas.org

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