



"I have been using CAS SciFinder for the past 20 years, and I am happy to see the valuable features that have been incorporated into it, making it the number-one chemistry database today."

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CAS SCIFINDER®

HELPING MATERIALS SCIENTISTS INNOVATE

User success story

The Challenge

This R&D manager's team is responsible for developing new chemical products in the multinational conglomerate's advanced materials division. This includes determining novelty and freedom to operate, with a specific focus on identifying sustainable approaches for new specialty chemicals. The organization's goals for uncovering innovative synthesis options that reduce the use of hazardous materials and support a low carbon footprint to replace conventional manufacturing of performance materials and chemicals drive many of these efforts.

CAS

A division of the
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This CAS SciFinder Discovery Platform success story was provided by an R&D manager with a Fortune 500 global conglomerate who used the solution to explore protected IP leading to innovations within available space.

The Solution

The scientist used CAS SciFinder in several ways to enhance their research efficiency. This included:

- Assessing the IP landscape.
- Devising synthetic plans.
- Finding commercially available chemicals.
- Identifying substances and reactions.
- Performing literature reviews to generate a hypothesis.
- Preparing for laboratory experiments.

The researcher stated that due to the comprehensiveness of the scientific content available through CAS SciFinder, they were confident that they were not missing critical results relevant to their research. This resulted in reduced time, better synthesis plans, and more effective time in the lab.

The Outcome

The researcher used CAS SciFinder to identify areas of IP space that were already protected. With this knowledge, they were able to focus on innovating within the available space. This increased confidence helped them accelerate discovery and reduce research costs.

Learn how CAS SciFinder can help support your organization's goals and accelerate scientific discovery at cas.org.