UNLOCK R&D PRODUCTIVITY
COST OF MISSING SCIENTIFIC INFORMATION IS HIGH

$1B Lost Market Leadership
MARKET SHARE LAG: >6%  

$31M R&D Spend Inefficiency
TIME LOSS: >3 MOS  

$4B Reputational Risk
LOSS OF EXCLUSIVITY: >6 YRS  

POORELY MANAGED SCIENTIFIC INFORMATION AFFECTS R&D EFFICIENCY

18% Time Spent
IN SEARCH VS. RESEARCH  

$15K–$20K
COST PER YEAR, PER SCIENTIST  

R&D cycles are too long and costly
COST TO MANAGE SCIENTIFIC INFORMATION CONTINUES TO ESCALATE

Scientific Information Trends

- Volume
- Complexity
- Interconnectedness

YET, INVESTMENT IN EXTERNAL SCIENTIFIC INFORMATION SOURCES REMAINS LOW

- Cost of Innovation: $2.6B
- Cost of External Information Sources: <0.25%
- Cost of R&D: $1.4B
CAS HAS INVESTED > $1B IN SCIENTIFIC INFORMATION SOLUTIONS OVER THE LAST 5 YEARS. INTRODUCING A NEW CALIBER IN CHEMICAL INTELLIGENCE...

INTRODUCING A NEW CALIBER OF CHEMICAL INTELLIGENCE

SciFinder^\text{\textregistered}n
A CAS SOLUTION

NOW WITH A NEW SYNTHESIS PLANNER

63% of researchers say SciFinder^\text{\textregistered} allows them to *work more quickly*

63% of researchers say SciFinder^\text{\textregistered} allows them to *be more innovative*

62% of researchers say SciFinder^\text{\textregistered} allows them to *be more confident*

The blueprint of chemical intelligence

**DIRECT ACCESS** to the unmatched CAS content collection, patent documents and step-by-step synthetic procedures and methods

The most advanced Chemical **RELEVANCE SEARCH ENGINE** shows you where to start and what to focus on

Platform for machine learning & AI, **COMPUTER-AIDED SYNTHETIC DESIGN**, patent search and workflow enhancement
Insights

SciFinder® halves the time taken to perform literature reviews

In today’s competitive landscape, your research team needs to quickly gain knowledge and insights from relevant discoveries. You can’t afford to spend hours sifting through extraneous content in patents and journals. That’s why we designed SciFinder® with the most chemistry-aware relevance engine in the industry. It doesn’t just search faster, it helps you search smarter, anticipates your information needs and accelerates your work.
**Synthetic Planning**

**SciFinder**<sup>®</sup> halves the time required for synthetic planning<sup>10</sup>

Being successful in the lab requires a great synthetic plan. Your chemists are juggling many variables especially when devising routes to novel compounds with no literature-based precedent. For both known and unknown molecules, SciFinder<sup>®</sup> will perform a full retrosynthetic analysis fueled by the renowned CAS collection of reactions. The best potential synthetic routes are determined based on steps from both the literature and predicted steps generated by our synthetic chemistry engine. The plan is easily navigated to evaluate alternative routes and also offers quick access to information on material suppliers, step-by-step methods curated by experts, product yields, and more.

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**IP Strategy**

**SciFinder**<sup>®</sup> reduces the time taken to analyze the IP landscape by nearly 10%<sup>10</sup>

In order to successfully manage your research portfolio and bring your innovation to market, it’s essential to first understand the technology landscape. SciFinder<sup>®</sup> can help answer a host of IP-related questions such as: Where are the opportunities for innovation? Are there infringement risks? Who else is working in this space? SciFinder<sup>®</sup> gives you access to industry leading capabilities like patent Markush searching and content such as chemically annotated patents, so you can stay on top of the technological landscape.
INDUSTRY LEADERS ACROSS R&D ORGANIZATIONS RELY ON CAS SOLUTIONS

Pharma
48 of the top 50 ¹⁰

Biotech
20 of the top 25 ¹¹

Chemical
48 of the top 50 ¹²

Government
10 of the top 10 global patent offices ¹³

Academic
100 of the top 100 ¹⁴

Sources

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