

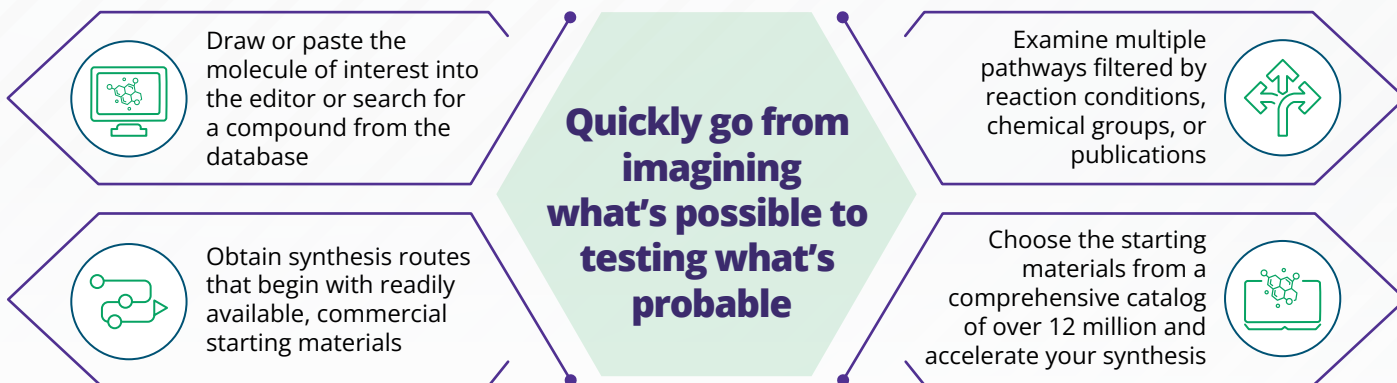
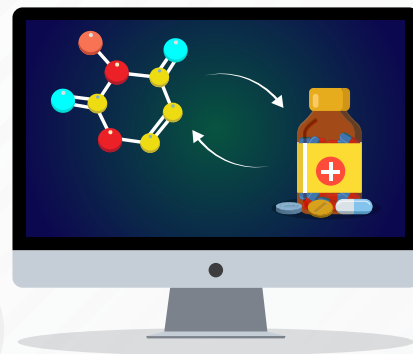
Transforming Chemical Synthesis Pathways

The need for SYNTHIA® retrosynthesis software

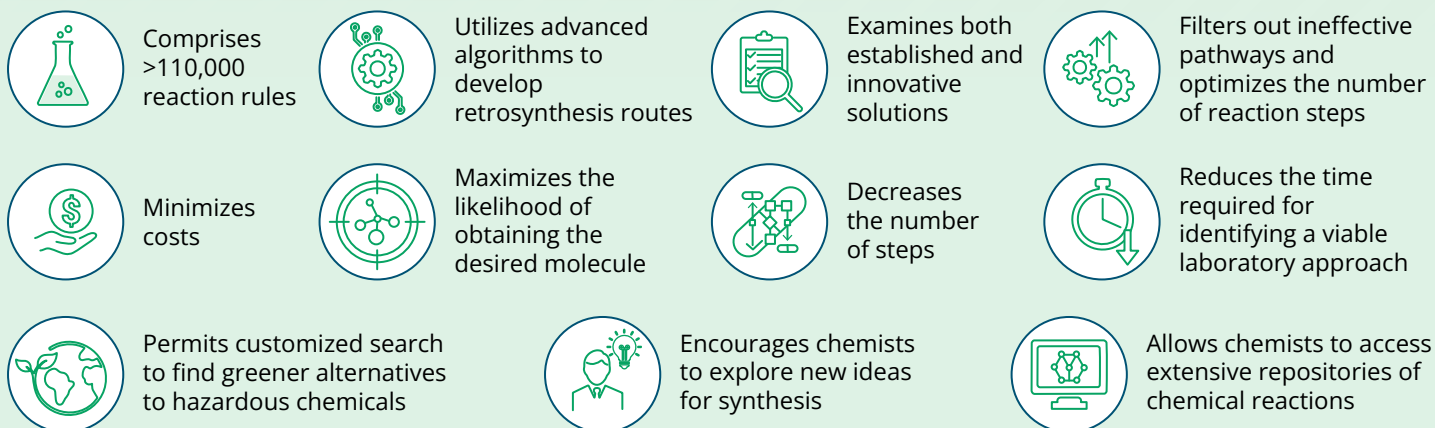
Traditional discovery and development of new molecules

- ✓ Estimated costs: \$2.8 billion
- ✓ 15 years to gain regulatory approval
- ✓ Chemical synthesis of drug molecules presents a major bottleneck

SYNTHIA®, a software as a service-based platform, develops synthetic routes using expert-coded rules based on proven chemical transformations. It is used for designing and optimizing the retrosynthesis of small molecules, accelerating drug discovery and development



Advantages of SYNTHIA®



SYNTHIA® is a powerful tool that empowers chemists to identify the most promising and viable pathways to create novel molecules, saving time and costs, while accelerating chemical retrosynthesis and drug discovery and development