

InfoChem releases SPRESI^{web} version 2.0

New version of Web-based research tool for one of the largest structure and reaction databases worldwide launched

Munich, April 2004. InfoChem has launched its Web-based structure and reaction research platform SPRESI^{web} 2.0, providing powerful new capabilities. The synthesis strategy design tool Synthesis Tree Search (STS) is fully integrated and the system offers Internet access to 4.5 million compounds and 3.5 million reactions from 540,000 references including 151,000 patents. Over 20 million facts such as chemical, physical or biological property data and keywords abstracted from the primary literature are also searchable in SPRESI^{web}. Even greater search flexibility is allowed now that structure searching has been extended by "Isomer search", "Parent search" and "Flex match". SPRESI^{web} 2.0 also features reaction substructure searching and search in the "basic index" which covers principal data fields.

The chemical network

SPRESI^{web} offers links to several document delivery services (such as FIZ AutoDoc, CISTI and subito), to online patent services (Espacenet, US Patent & Trademark Office and MicroPatent), to other cheminformatics services (ChemNavigator) and to online services for physical property and spectra prediction (ACD/I-Lab). Furthermore SPRESI^{web} can be linked to the customer's in-house databases using either the structure itself or the reaction classification code as crossover key. More information about SPRESI^{web} 2.0 can be found at <http://www.spresi.com/>.

"SPRESI^{web} is one of the largest structural and reaction databases worldwide and the first one of this kind offered via the Internet", said Peter Loew, PhD, Managing Director, InfoChem GmbH. "With the integration of our synthesis design tool Synthesis Tree Search (STS) we provide a unique, powerful program for synthesis chemists, students and academic researchers to plan out their individual synthesis strategy based on reactions actually published in the journal and patent literature."

Where does the information come from?

The data collection has been jointly built by the All-Union Institute of Scientific and Technical Information of the Academy of Sciences in the USSR (VINITI) and the German Zentrale Informationsverarbeitung Chemie in Berlin (ZIC) since 1974. Continuing update of the data has been agreed with VINITI.

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About InfoChem

InfoChem GmbH (<http://www.infochem.de>) is a market leader in structure and reaction handling and retrieval. Founded in 1989, InfoChem focuses on the production of new chemical information

products, including structural and reaction databases, and the development of software tools required for these applications, such as the InfoChem Fast Search Engine (ICFSE), the InfoChem Oracle Cartridge and the InfoChem classification algorithm CLASSIFY. CLASSIFY is one of the most powerful tools available for structuring and linking large reaction databases. InfoChem's customers are large chemical and pharmaceutical companies as well as small high potential start ups worldwide. InfoChem is based in Munich, Germany, with a subsidiary in Berlin. Springer-Verlag (Heidelberg) has held a majority interest in InfoChem since 1991. The specialist publishing company Springer Science+Business Media has belonged to the investment group Cinven and Candover since September 2003.