Technical Product Info

Reaxys / Reaxys Medicinal Chemistry is a unique web-based chemistry database consisting of deeply excerpted compounds and related factual properties, reaction and synthesis information as well as bibliographic data, navigated and displayed via an actionable interface.

Counts of the various types of content in the database can be found here: About Reaxys.

Tested Environments

Please Note: Reaxys/Reaxys Medicinal Chemistry is a web-based application using JavaScript and Java applets to support various structure and reaction query editors. As such it may run on all platforms which support Java 1.5 or higher and JavaScript execution. However, we have tested and certified Reaxys on the platforms and browsers mentioned in the table below to ensure that all features run in those environments. Using Reaxys in other environments may result in some limitations of functionality.

Windows PC

Operating system

Windows 2000
Windows Vista
Windows 7

Please note: with Microsoft ceasing the support of Windows XP Reaxys is not test on this platform any longer.

Internet Browser Software

Please note: We cease the support of Microsoft Internet Explorer 6.x and Mozilla FireFox 3.x with the next Reaxys release in 2014. While we expect Reaxys to run with those browsers, certain features may not be supported.

Microsoft Internet Explorer 7
Microsoft Internet Explorer 8 (with Java 1.6.0_11 or higher)
Microsoft Internet Explorer 9-11

Mozilla Firefox 3 to 3.5
Mozilla Firefox 3.6 (with Java 1.6.0_11 or higher)
Mozilla Firefox 4 or higher

http://www.elsevier.com/reaxys
Google Chrome 10 or higher

Note: JavaScript and cookies need to be enabled.

Java Runtime Environment (JRE)

Sun Microsystems Java Version 5.0 or later also known as Java Runtime Environment (JRE) Version 1.5.0 (with external editors (see below) Java 4 is also supported).

Note: Java security settings must be changed from “High” to “Medium” for the Java version 1.7.0_45 in order to transfer drawn structure from java-required structure editors(MarvinSketch, Accelrys/ISISDraw, ChemDraw) to Reaxys. This is not required with Java version 1.7.0_51 and above.

Note 2: Reaxys was tested with the latest Java versions 1.6 and our QA team found some severe issues with the update 10 of this Java version. Therefore we do not recommend using Java 1.6.0_10. Please update to a later version of Java, e.g. build 13 or higher, where the Java issues have been fixed by Sun.

Note 3: Java needs to be enabled in the browser.

Recommendation: you may use the following website provided by SUN to check whether Java is correctly installed or not.

Supported Structure Editors

Java-free Editors:
- Elemental (Dotmatics; embedded editor)
- Ketcher (GGA; embedded editor)

Editors requiring Java:
Important note: please change the security settings for Java version 1.7.0_45 for the editor to work properly (see above)
- MarvinSketch (ChemAxon; embedded editor)
- ISIS/Draw (Accelrys; up to version 2.5)
- Accelrys/Symyx Draw (Accelrys; up to version 4.1)
- CrossFire Structure Editor (Elsevier; up to version 7)
- ChemDraw Pro 12 (CambridgeSoft; please note: the connector to Reaxys has been developed and is being maintained by CambridgeSoft. Please contact CambridgeSoft support in case of any issues.)
- ICEdit (InfoChem; please note: the connector to Reaxys has been developed and is being maintained by InfoChem. Please contact InfoChem support in case of any issues.)

Note 1: If other editors than MarvinSketch, Elemental or Ketcher are used, a plug-in has to be installed, which can be downloaded here.

After downloading the archive simply start one of the installers and follow the instructions.

http://www.elsevier.com/reaxys
Macintosh PC

Operating system
Mac OS X 10.4 or higher

Please note: We cease the support of Mozilla FireFox 3.x with the next Reaxys release in 2014. While we expect Reaxys to run with those browsers, certain features may not be supported.

Internet Browser Software
Safari 4.0 or higher (Safari 3 is no longer being tested)
Mozilla Firefox 3.x
Mozilla Firefox 4 or higher
Google Chrome 10 or higher

Note: JavaScript and cookies need to be enabled.

Java Runtime Environment (JRE)
Apple Java Runtime Environment (JRE) 5.0 or higher

Note 1: This website provides an overview on available Java versions for different Mac OS X 10 environments. In case of any issues regarding Java on a Macintosh please either contact our customer care team. We also recommend to checkout the information on Apple’s webpage.

Supported Structure Editors
- Elemental (Dotmatics; see also left column)
- MarvinSketch (ChemAxon; see also left column)
- ChemDraw 12 on Mac OS 10.5 or higher (CambridgeSoft; please note ChemDraw Std and BioDraw Ultra are not supported)

Miscellaneous
The Reaxys output feature supports the export of Reaxys data into Microsoft Word and Microsoft Excel formats. Please note that the created files requires Microsoft Word, Excel or Office Version 2003 or higher.