The GalaXi® Search Tool is an add-on to StarDrop which searches the WuXi GalaXi® space for compounds that are similar to a query structure of interest.
WuXi's GalaXi
®
is a chemical space that contains billions of virtual compounds, largely built from WuXi AppTec's library of novel drug-like scaffolds. Due to a carefully selected building block supply and proven chemistry, the GalaXi
®
space consists of molecules that can be quickly synthesized on demand. Once you've identified compounds of interest, you can easily send the required information to WuXi to request a quote, directly from StarDrop. This tool is analogous to searching the GalaXi
®
space using BioSolveIT's
InfiniSee software
and uses their FTrees technology to quickly search the enormous chemical space. You can find more information on FTrees at
www.biosolveit.de/FTrees/
.

This script provides an extension to StarDrop that enables you to search GalaXi® directly from StarDrop, returning the data pre-formatted and ready to analyse within StarDrop. For example, you can use this to

- Investigate the chemical space local to your compound
- Find structurally novel leads with improved properties or avoid patent-protected space

Version

Please note: These scripts are compatible with StarDrop 6.6, or more recent versions, for either Windows ® or Mac®. To find out which version you have installed, start StarDrop and select the **Help->About** menu. If you are using an older version of StarDrop please contact stardrop-support@optibrium.com and we will be happy to provide download details.

Windows

To install this script on Windows:

- Ensure that you have saved your work and close StarDrop
- For 64-bit Windows, download the file StarDrop Script. – GalaXi (64-bit).exe
- When the download is complete, double-click the file to run it and follow the instructions (we recommend that you accept the default options provided)

Mac OSX

To install this script on Mac OSX:

- Ensure that you have saved you work and close StarDrop
- Download the file StarDrop Script. – GalaXi (OSX).zip
- In your user area, navigate to the StarDrop folder (~/StarDrop/)
- Extract the contents of the zip file into this folder overwriting any existing files

For Windows and Mac OSX

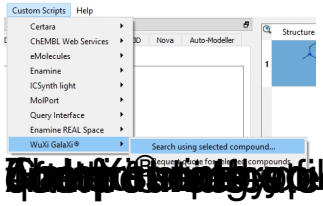
- You will need to download BioSolveIT's FTrees application and the latest definition of the WuXi GalaXi® space. You will also require a license for FTrees, but you can easily generate a free evaluation license and contact BioSolveIT to purchase a long-term license.

Go to this BioSolveIT webpage www.biosolveit.de/download/?product=ftrees , download the FTrees application and obtain a license. Then download the WuXi GalaXi® space file from this webpage www.biosolveit.de/infiniSee/#galaxi .

- Restart StarDrop

Using the Galaxi® Search Tool

After following the installation instructions and restarting StarDrop, you will find a menu item **WuXi GalaXi®** under the **Custom Scripts** menu in StarDrop. Select a compound in StarDrop which you would like to use as your query molecule, then select
Search using selected compound…


Custom Scripts
Help
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MolPort
Query Interface
Enamine REAL Space
WuXi GalaXi®
Search using selected compound...
Nova
Auto-Modeller
Structure