

CHEMICAL SEARCH AND DATABASE TECHNOLOGIES

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JChem Suite

Fast, invisible chemical backend you can rely on.

JChem Base

Tool for the development of cheminformatics applications allowing storage and search of structural and non-structural data.

JChem

ORACLE®

Cartridge

*Chemical intelligence to the
Oracle platform using Oracle's
native SQL language.*

JChem PostgreSQL Cartridge

Easy-to-deploy chemical database management and search engine built on PostgreSQL relational database using native SQL language

POSTGRES



JChem PostgreSQL Cartridge
demo site

- try on ChemBL_21 (02/24/2016) -

find molecule

Search type

Substructure search

A screenshot of a web application interface for substructure search. The window title is "Substructure search". It features a search bar, a "Quick substructure hits" section on the right with a list of elements (H, C, N, O, S, F, P, Cl), and a central area displaying the "Marvin JS" logo and "ChemAxon" branding. The interface includes standard browser navigation and zoom controls.

Maximum hit(s) to display



Distributed search

robust

Oracle RAC

PostgreSQL Citus

Handle large amount of chemical and nonchemical data, in seconds.

ORACLE



PostgreSQL



THANK YOU