

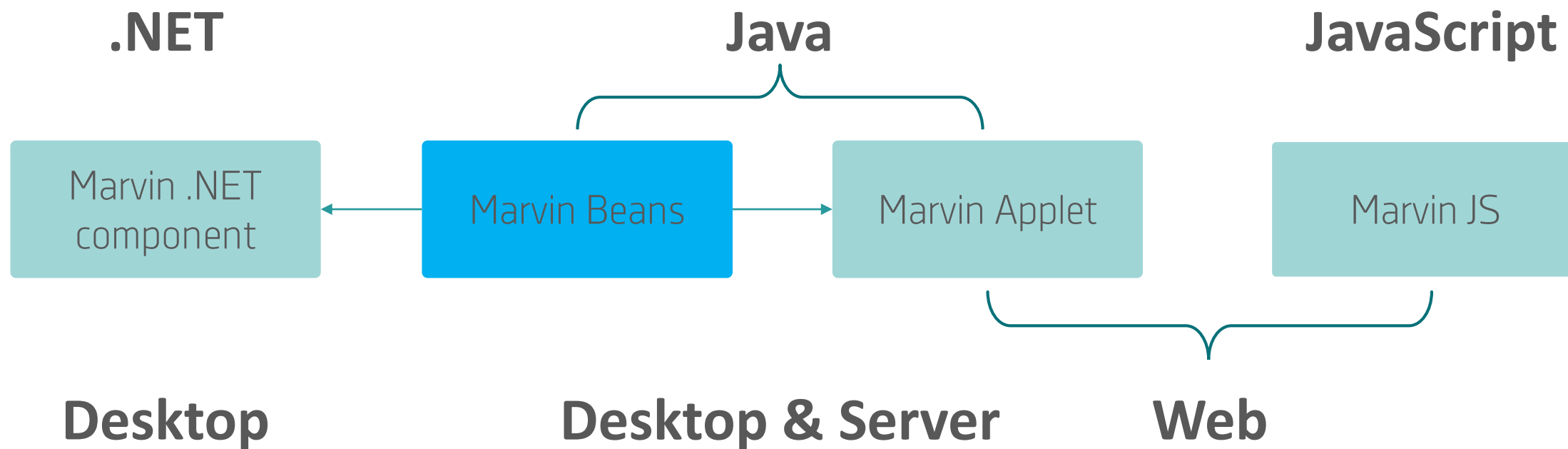
MARVIN

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UGM Budapest 2015

Marvin

The Chemical Drawing Suite of ChemAxon

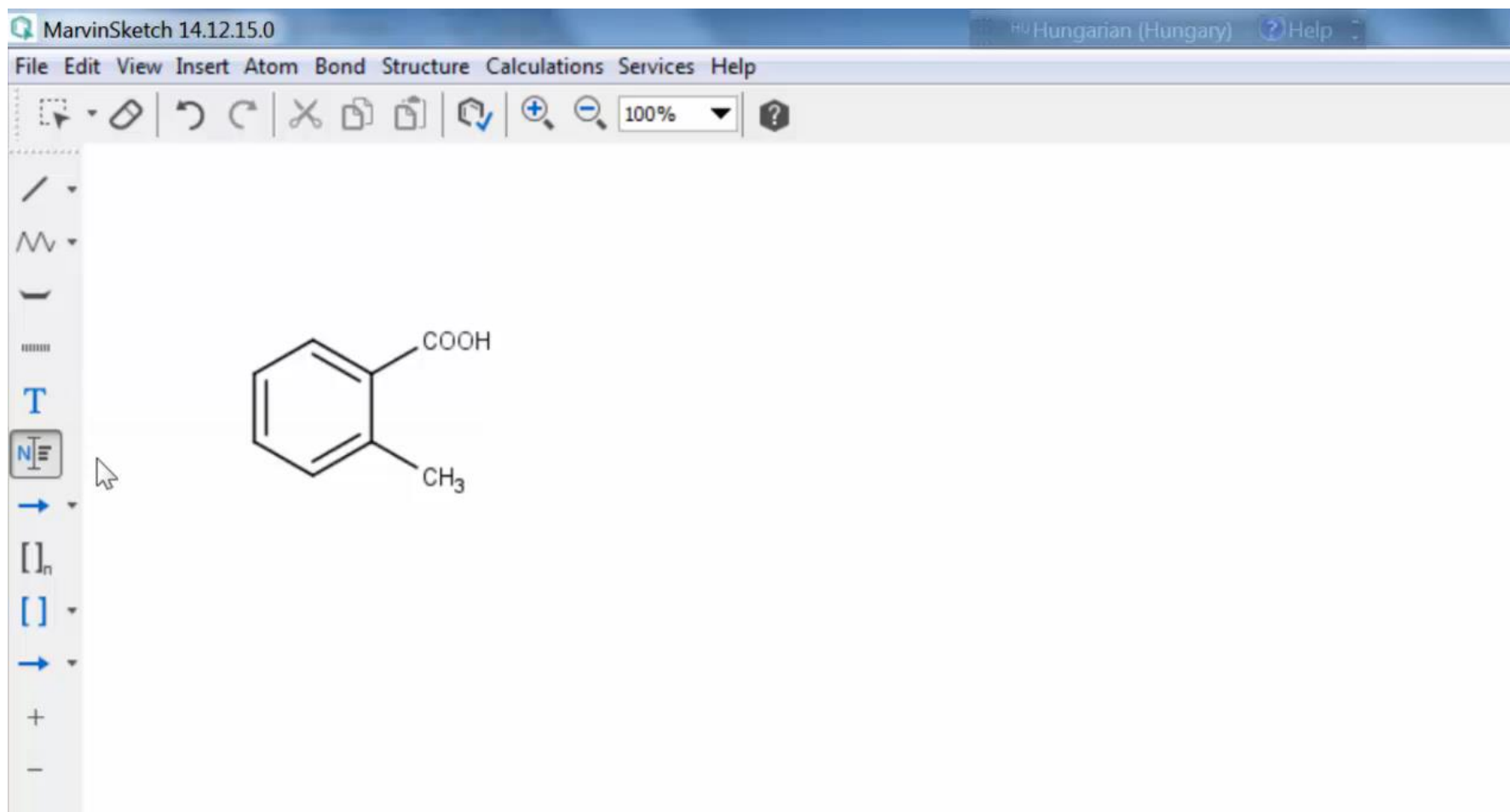




PUBLICATION QUALITY IMPROVEMENTS

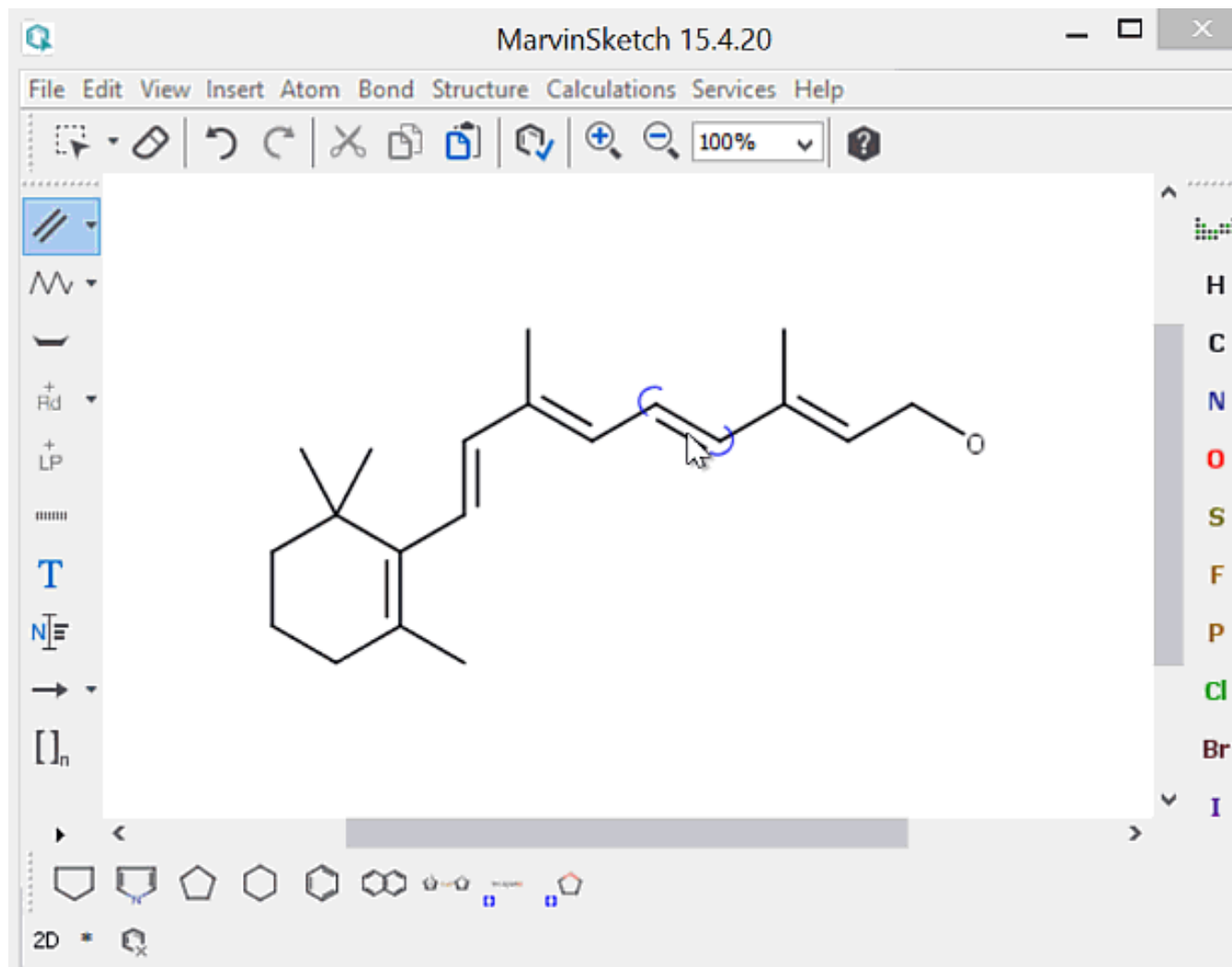
MarvinSketch

Label editor, IUPAC standard abbreviations and a lot more...



MarvinSketch

More flexible double bond drawing



MarvinSketch

New Parameters, Custom and Journal Styles

The screenshot shows the 'Document Style Settings' dialog box in MarvinSketch. The dialog is titled 'Document Style Settings' and has a close button (X) in the top right corner. It is organized into three main sections: 'Journal Styles', 'Font Settings', and 'Size Settings'. At the bottom, there are four buttons: 'Ok', 'Restore to defaults', 'Save', and 'Cancel'.

Journal Styles

Apply journal style preset: ChemAxon

Font Settings

Atom font: SansSerif 10

Charge font: SansSerif 10

Size Settings

Document Unit: pt

Bond Length: 28 pt Bond spacing: 5 pt

Wireframe bond thickness: 1.2 pt Hash spacing: 4.2 pt

Bold bond width: 5 pt Margin: 10 pt

Marvin

Rendering, image export

The image displays the ChemAxon Marvin software interface, illustrating its capabilities in chemical structure rendering and peptide analysis. The main window shows a peptide sequence **CYIQNCPLG** with a corresponding 3D ribbon diagram of the peptide backbone. A **Chemical Structure** dialog box is open, showing a detailed 3D model of a complex peptide structure with various side chains and a disulfide bridge. The interface includes a **Chemical Modifiers** panel with options for **Nucleic Acid** and **Peptide**, and a **Mono-Functional** section with buttons for **Ac**, **Boc**, **Me**, and **NH2**. A **Table** window displays a table with columns for **IC50[C]**, **R1**, and **R2**, and rows for different chemical structures. A **Product Structure** window shows a table with columns for **Mol Weight** and **Atom count**, and rows for different chemical structures. The **Chemical Structure** dialog box has an **Ok** button. The **Table** window has a **Ready** status. The **Product Structure** window has a **Ready** status. The **Chemical Structure** dialog box has a **Modified Pho** checkbox. The **Table** window has a **Ready** status. The **Product Structure** window has a **Ready** status.

IC50[C]	R1	R2
1	R1	
2	R2	Cl
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		

Mol Weight	Atom count
106	550
107	450
108	350
109	250
110	150

THANK YOU