



## CHEMDRAW DIRECT SHARING

ChemDraw Direct generates and reads the same file formats used by ChemDraw Desktop so that files can be easily shared. Additional formats are also available for sharing with other applications:

- CDXML
- molfile and rxnfile
- SMILES
- InChI and InChIKey
- Chemical drawings copied from ChemDraw Desktop, or from other third-party editors, can be directly pasted into ChemDraw Direct for immediate exchange of structures and reactions between desktop and web browsers.
- Chemical drawings copied from ChemDraw Direct can be pasted into Microsoft® Word or PowerPoint

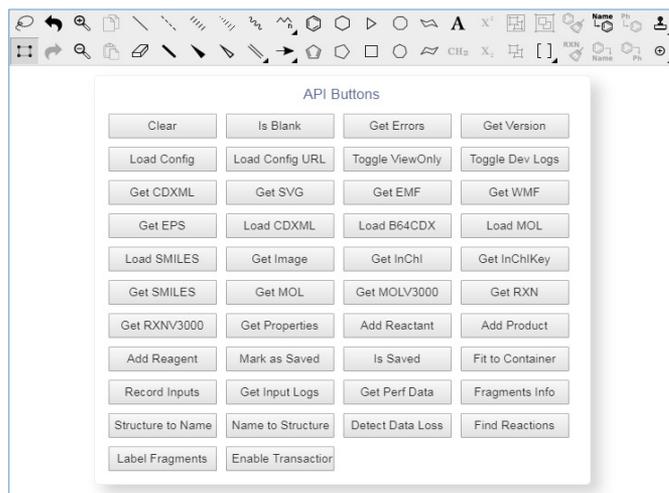


Figure 2. Available API calls for ChemDraw Direct.

## CHEMDRAW DIRECT DEPLOYMENT

ChemDraw Direct is supplied with a fully documented User's Guide, Installation Guide and Developers' Guide. The latter includes instructions on how to load and to embed ChemDraw Direct into an application, and details of how to make API calls to generate the various file formats that are available.

The screenshot shows the Signals Notebook interface with a chemical reaction diagram and a reagent table. The reaction shows acetyl-D-serine reacting with phenylmethanamine to form a product. The reagent table below lists the following:

Rxn ID	Reactant	FM	MF	Limit	EG	Sample Mass	Moles	Vol	Molarity	Density
I	acetyl-D-serine	147 g/mol	C <sub>9</sub> H <sub>9</sub> NO <sub>4</sub>	✓	1.000	10 g	68.0 mmol			
II	phenylmethanamine	107 g/mol	C <sub>7</sub> H <sub>9</sub> N		1.05	7.65 g	71.4 mmol			
	DMTMM-Cl	277 g/mol	C <sub>19</sub> H <sub>17</sub> ClN <sub>4</sub> O <sub>3</sub>		1.05	19.75 g	71.4 mmol			

Figure 3. ChemDraw Direct Sketcher in PerkinElmer Signals™ Notebook.