

Molview.org -ohjelma

The screenshot displays the MolView application interface. At the top, there is a menu bar with options: MolView, Tools, Model, Protein, and Jmol. Below the menu bar is a toolbar with various icons for file operations and editing. The main content area is a white dialog box with the following elements:

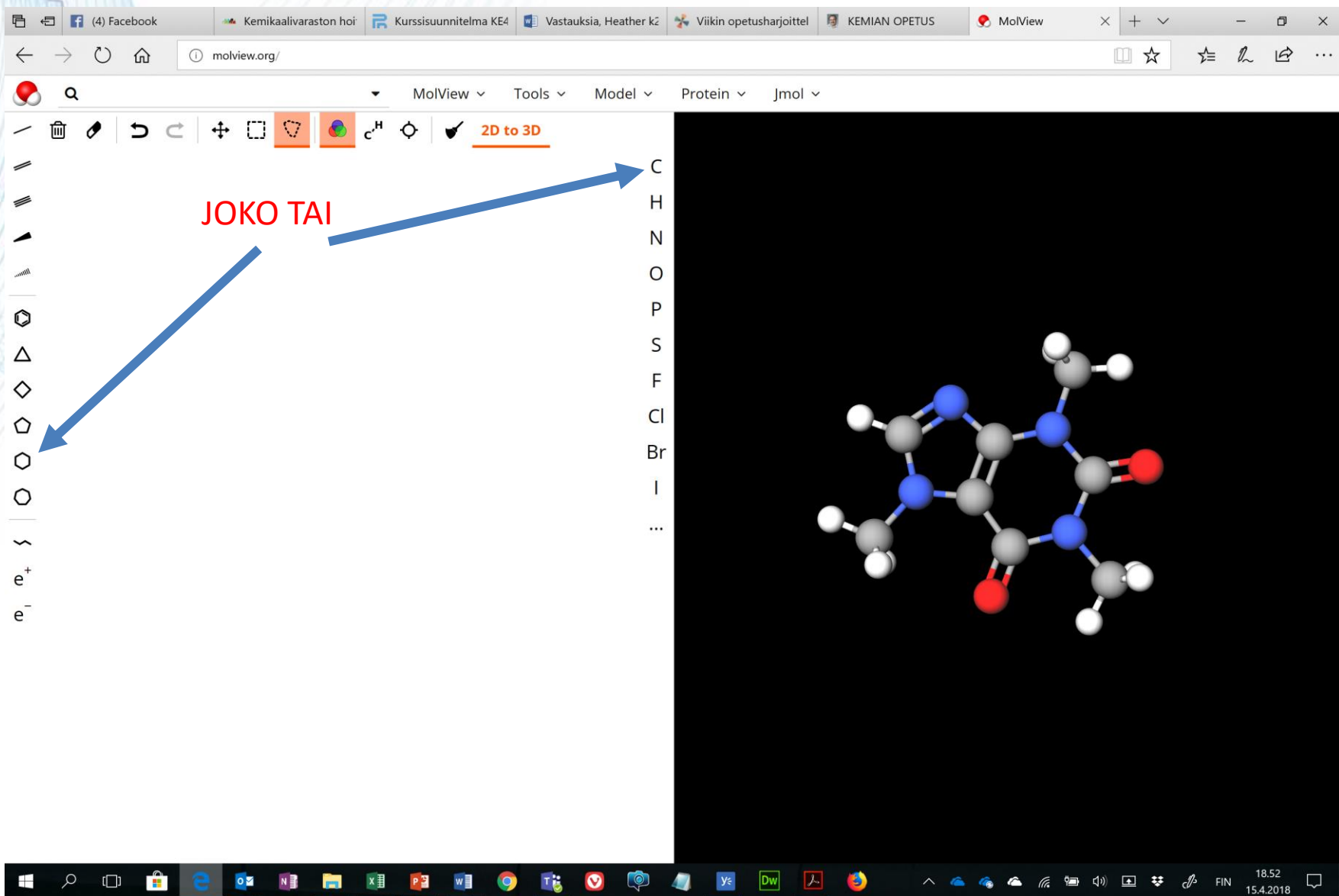
- MolView logo (a red and white sphere) and the text "MolView" in a stylized font.
- AGPL 3 logo with the text "Free Software" and "Free as in Freedom".
- A "Close" button with a horizontal line underneath.
- Social media links: YouTube, Twitter, Facebook, Google+, and Blog, each with a horizontal line underneath.
- A message: "We need your support to create more cool stuff!" followed by a "Donate" button with a horizontal line underneath.
- A checkbox labeled "Allow MolView to collect interaction data (read more)".
- A link for "Terms of Use".



Aloitussivu (klikkaa roskakoria)

The screenshot displays the MAOL software interface. At the top, there is a search bar with a magnifying glass icon, followed by three dropdown menus labeled "MolView", "Tools", and "Model". Below these is a toolbar containing various icons for editing and viewing, including a trash can, a pencil, undo and redo arrows, a four-way arrow, a dashed square, a dashed triangle, a three-circle icon, a chemical formula c^H , a gear, and a brush. A red underline is present under the "2D to 3D" button. To the left of the main workspace is a vertical menu of chemical symbols and shapes, including lines, wedges, a triangle, a diamond, a pentagon, a hexagon, a heptagon, a zigzag line, and e^+ and e^- . To the right of the main workspace is a vertical list of chemical elements: C, H, N, O, P, S, F, Cl, Br, I, and an ellipsis (...).

Valitse alkuaine ja/tai valmis rakenne



(4) Facebook Kemikaalivaraston hoi Kurssisuunnitelma KE4 Vastauksia, Heather k2 Viikin opetusharjoittel KEMIAN OPETUS MolView

molview.org/

MolView Tools Model Protein Jmol

2D to 3D

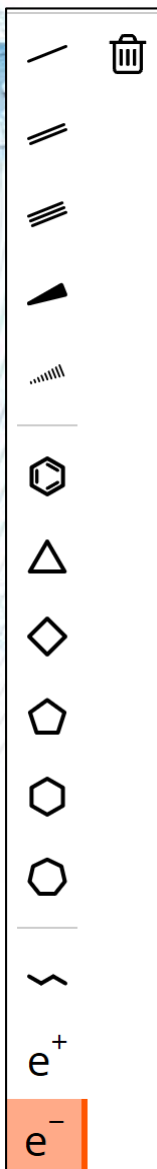
JOKO TAI

C
H
N
O
P
S
F
Cl
Br
I
...

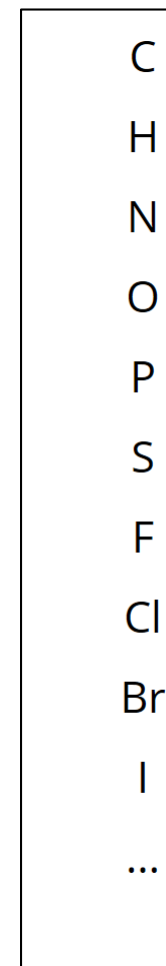
e⁺
e⁻

18.52
15.4.2018

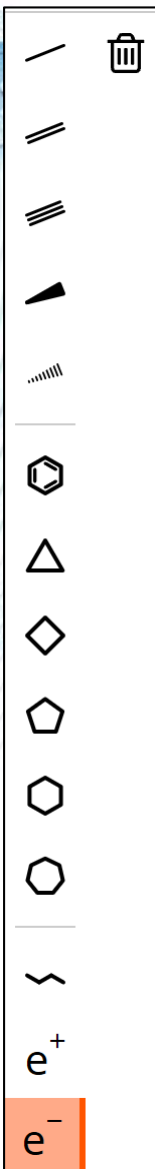
Eri valikot



- Roskakori
- Pyyhkijä
- Undo/redo
- Valinta työkalut
- Värin valinta
- CH-valinta: Näyttää kaikki C and H atomit viivakaavan sijaan (ja toisin pain)
- Keskitä
- Siivoa
- 2D → 3D antaa molekyylin 3D-kuvan



Eri valikot

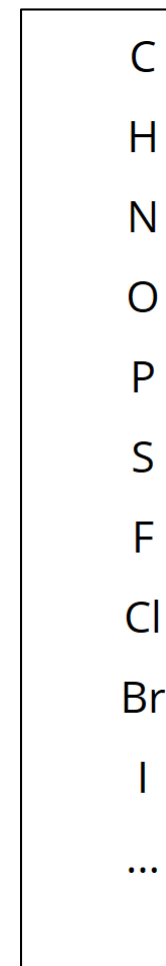


Erilaiset sidokset



Valmiit molekyylit

Varauksen lisääminen



Eri valikot

Alkuaineet

Voi poimia myös jaksollisesta järjestelmästä

Periodic Table

1 H																	2 He
3 Li	4 Be											5 B	6 C	7 N	8 O	9 F	10 Ne
11 Na	12 Mg											13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr
37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe
55 Cs	56 Ba	57 La	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn
87 Fr	88 Ra	89 Ac	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Uut	114 Fl	115 Uup	116 Lv	117 Uus	118 Uuo
		57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu	
		89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr	

Close

C
H
N
O
P
S
F
Cl
Br
I
...

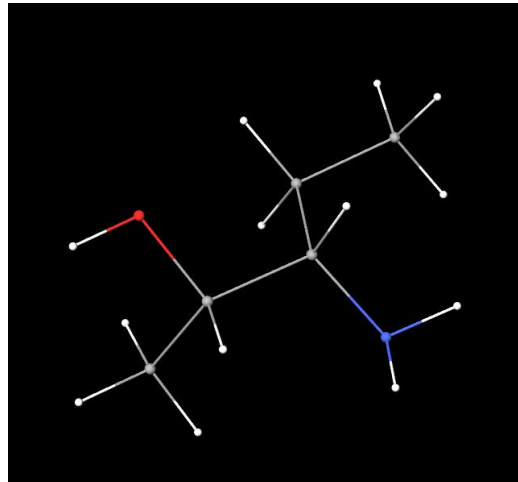
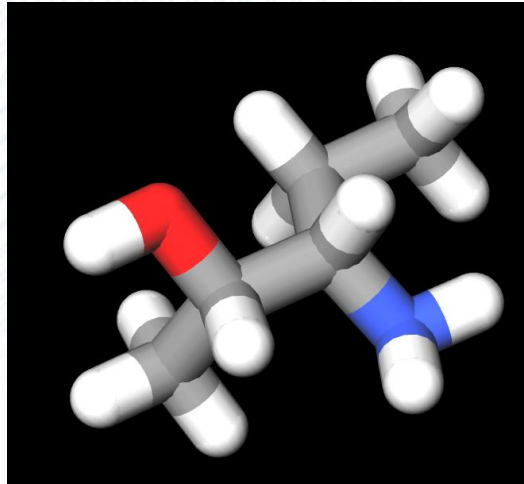
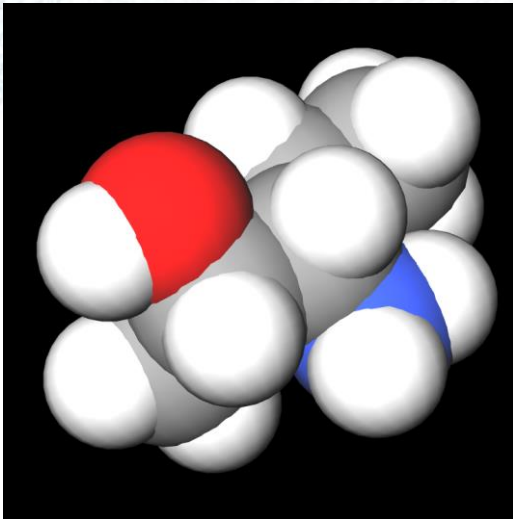
Kuva voidaan viedä muihin ohjelmiin mm. **kuvatiedostona**.

- **Structural formula image:** PNG-tiedosto
- **3D model image:** 3D-mallin kuva, PNG-tiedosto

The screenshot shows a dropdown menu with the following sections and items:

- Tools ▾
- Model ▾
- Protein ▾
- LINK
- </> Embed
- EXPORT
 - ↓ Structural formula image
 - ↓ 3D model image
 - ↓ MOL file
- CHEMICAL DATA
 - Information card
 - Spectroscopy
 - 3D model source
- ADVANCED SEARCH
 - ≈ Similarity
 - ⊂ Substructure
 - ⊃ Superstructure

MOLVIEW – erilaiset esitysmuodot



Model ▾ Protein ▾ Jmol

↻ Reset

REPRESENTATION

- Ball and Stick
- Stick
- van der Waals Spheres
- Wireframe
- Line

BACKGROUND

- Black
- Gray
- White

ENGINE

- GLmol
- Jmol
- ChemDoodle

CRYSTALLOGRAPHY

- Load unit cell
- Load 2×2×2 supercell
- Load 1×3×3 supercell