

ICM-Chemist-Pro How-To Guide

Version 3.6-1h Last Updated 12/29/2009

ICM-Chemist-Pro

ICM 3D LIGAND EDITOR: SETUP



icm/1unl> if (Nof(Obj(as_out)) > 1) as_out = as_out & Obj(as_out)[1]

icm/lunl> e3dSetLigand as out yes

icm/1unl_lig>





467 Atoms 48 Res,2 Mol,2 Obj



icm/1unl rec> undisplay box

icm/1unl rec> color background rgb={255,255,255}

icm/lunl rec> color background rgb={0,0,0}

icm/1unl rec>

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ICM 3D LIGAND EDITOR: DISPLAY



Info> 2 hydrogen bonds 'ligandhbonds' created. nTotal=2 Warning> [1137] unrecognized or wrong arguments in: display g_recPock Info> 1_only,i_mode temp.variables deleted icm/lunl_rec> center a_LIG. icm/lunl_rec>



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icm/1unl rec>

icm/1unl rec> center static as graph

(strong - thick spheres) to blue (weak thin spheres).



Advanced/Preferences/Energy Display

7146 Atoms 885 Res,6 Mol,3 Obj



icm/1unl_lig> delete ligandhbonds icm/1unl_lig> GRAPHICS.hydrogenDisplay=2 icm/1unl_lig> display hydrogen icm/1unl_lig> GRAPHICS.hydrogenDisplay=4 icm/1unl_lig> display hydrogen icm/1unl_lig>

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icm/lunl_rec> display g_recPocketSurface wire icm/lunl_rec> center static a_LIG.I icm/lunl_rec> dsUnsatHbonds no icm/lunl_rec> undisplay xstick Res(a_*.//DD) icm/lunl_rec> cool a_lunl_lig.arrc icm/lunl rec>

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ICM 3D LIGAND EDITOR: EDIT LIGAND

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(icm/lunl_rec> display g_recPocketSurface wire icm/lunl_rec> center static a_LIG.I icm/lunl_rec> dsUnsatHbonds no icm/lunl_rec> undisplay xstick Res(a_*.//DD) icm/lunl_rec> cool a_lunl_lig.arrc icm/lunl rec>

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X icm/lunl_rec> display g_recPocketSurface wire icm/lunl_rec> center static a_LIG.I icm/lunl_rec> dsUnsatHbonds no icm/lunl_rec> undisplay xstick Res(a_*.//DD) icm/lunl_rec> cool a_lunl_lig.arrc icm/lunl_rec>

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7128 Atoms 884 Res,5 Mol,2 Obj

🚳 1unl_rec Molsoft ChemistPro 3.6-1h [NewProject *] (3 objects)

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How to add and sample new substituents to your ligand.

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468 Atoms 48 Res,2 Mol,2 Obj



468 Atoms 48 Res,2 Mol,2 Obj



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ICM 3D LIGAND EDITOR: MINIMIZATION AND DOCKING

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468 Atoms 48 Res,2 Mol,2 Obj









572 Atoms 48 Res,3 Mol,2 Obj

ICM 3D LIGAND EDITOR: CONVERT CHEMICALS TO 3D

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207 Atoms 0 Res,9 Mol,9 Obj

ICM 3D LIGAND EDITOR: CHEMICAL SUPERPOSITION

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ICM 3D LIGAND EDITOR: QUANTITATIVE STRUCTURE ACTIVITY RELATIONSHIP (QSAR)

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