**TINKER – *Software Tools for Molecular Design***

**Version 5.0 June 2009**

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TINKER is a modular program package for molecular mechanics-based potential energy calculations, geometry optimization, molecular dynamics simulation, distance geometry and structural analysis.

**Selected References for the TINKER Package:**

P. Ren and J. W. Ponder, *J. Phys. Chem. B*, ***107***, 5933-5947 (2003)

P. Ren and J. W. Ponder, *J. Comput. Chem.*, ***23***, 1497-1506 (2002)

R. V. Pappu, R. K. Hart and J. W. Ponder, *J. Phys. Chem. B,* ***102***, 9725-9742 (1998)

M. E. Hodsdon, J. W. Ponder and D. P. Cistola, *J. Mol. Biol.*, ***264****,* 585-602 (1996)

C. E. Kundrot, J. W. Ponder and F. M. Richards, *J. Comput. Chem.,* ***12***, 402-409 (1991)

J. W. Ponder and F. M. Richards, *J. Comput. Chem.,* ***8***, 1016-1024 (1987)

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