

# A General Treatment of Solubility. Part I. The QSPR Correlation of Solvation Free Energies of Single Solutes in Series of Solvents

*Alan R. Katritzky\*, Alexander A. Oliferenko, Polina V. Oliferenko,*

*Ruslan Petrukhin and Douglas B. Tatham*

*Uko Maran and Andre Lomaka*

*William E. Acree, Jr.*

## SUPPORTING INFORMATION

**Table 3 (3-1 to 3-69):** Experimental and calculated solubilities of solvent series. This table gives the experimental and calculated solubilities for each solvent series. The reference is to the experimentally measured value. For cases where no reference is given, experimental values are from unpublished work by one of us (W.E.A.).

**Table 4:** Explanation of the descriptors used in Table 2.

**Table 5:** Data References (for Table 3)