

Example Table:  
**Solubility Data: Crystal in a Liquid Solvent**

**Table 4. Experimental Mole Fraction Solubilities  $x$  of DrugX(cr) in Liquid Solvents at Temperature  $T$  and Pressure  $p = 0.1$  MPa <sup>a</sup>**

Solvent	$T/K$	$x$	Solvent	$T/K$	$x$	Solvent	$T/K$	$x$
butanone	293.16	0.0006	1,4-dioxane	293.16	0.00025	benzene	293.16	0.00031
	298.17	0.0007		298.17	0.00028		298.17	0.00038
	303.16	0.0008		303.16	0.00031		303.16	0.00047
	308.17	0.0010		308.17	0.00035		308.17	0.00059
	313.16	0.0011		313.16	0.00040		313.16	0.00070
	318.18	0.0013		318.18	0.00045		318.18	0.00088
	323.16	0.0015		323.16	0.00050		323.16	0.00103
	328.16	0.0016		328.16	0.00055		328.16	0.00123
	333.17	0.0018		333.17	0.00060		333.17	0.00146
			338.15	0.00066	338.15	0.00176		
chloroform	293.16	0.00046	ethyl acetate	293.16	0.00078	toluene	293.16	0.00046
	298.17	0.00054		298.17	0.00092		298.17	0.00059
	303.16	0.00067		303.16	0.00109		303.16	0.00071
	308.17	0.00081		308.17	0.00129		308.17	0.00086
	313.16	0.00094		313.16	0.00152		313.16	0.00104
	318.18	0.00114		318.18	0.00177		318.18	0.00122
	323.16	0.00137		323.16	0.00204		323.16	0.00146
	328.16	0.00163		328.16	0.00229		328.16	0.00176
	333.17	0.00192		333.17	0.00271		333.17	0.00209
			338.15	0.00315	338.15	0.00248		
dichloromethane	291.16	0.00027	acetic acid	293.16	0.00017	cyclohexane	293.16	0.00016
	295.18	0.00032		298.17	0.00022		298.17	0.00019
	299.16	0.00037		303.16	0.00026		303.16	0.00022
	303.19	0.00045		308.17	0.00032		308.17	0.00025
	305.20	0.00048		313.16	0.00040		313.16	0.00028
	309.15	0.00056		318.18	0.00048		318.18	0.00032
diethyl ether	291.16	0.00053		323.16	0.00057		323.16	0.00037
	295.18	0.00073		328.16	0.00067		328.16	0.00041
	299.16	0.00096		333.17	0.00078		333.15	0.00046
	303.19	0.00124		338.15	0.00092		338.15	0.00052
	305.20	0.00140						

<sup>a</sup> Standard uncertainty for temperature is  $u(T) = 0.05$  K. Relative standard uncertainties for pressure and solubility are  $u_r(p) = 0.05$  and  $u_r(x) = 0.02$ , respectively.