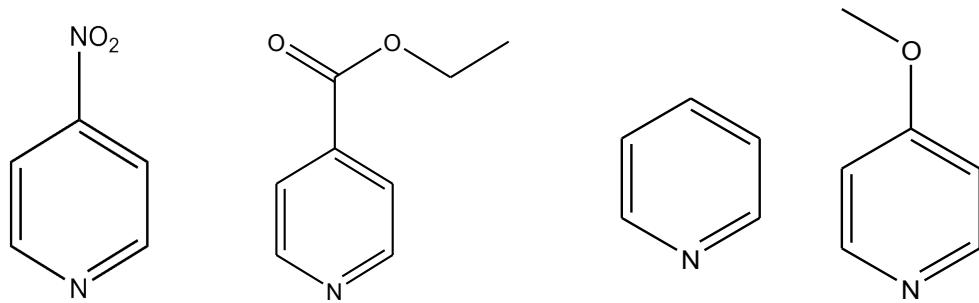


|       |              |       |      |      |      |
|-------|--------------|-------|------|------|------|
|       | $K_{1S}$     | 1,30  | 2,9  | 8,2  | 30,4 |
| 298 K | $K_2$        | 14,16 | 19,8 | 22,4 | 27,2 |
|       | $K_2/K_{1S}$ | 10,90 | 6,8  | 2,7  | 0,9  |
|       | $K_{1S}$     | 0,90  | 2,16 | 6    | 21,5 |
| 308 K | $K_2$        | 9,59  | 13,9 | 15,8 | 20,2 |
|       | $K_2/K_{1S}$ | 10,64 | 6,5  | 2,6  | 0,94 |
|       | $K_{1S}$     | 0,65  | 1,61 | 4,5  | 15,8 |
| 318 K | $K_2$        | 6,70  | 10,4 | 11,6 | 14   |
|       | $K_2/K_{1S}$ | 10,28 | 6,5  | 2,57 | 0,89 |
|       | $K_{1S}$     | 0,47  | 1,26 | 3,4  | 11,6 |
| 328 K | $K_2$        | 5,05  | 7,65 | 8,6  | 10,8 |
|       | $K_2/K_{1S}$ | 10,83 | 6,07 | 2,53 | 0,93 |

Zusammenfassung der thermodynamischen Konstanten:



|           |   |                                    |                                    |                                    |
|-----------|---|------------------------------------|------------------------------------|------------------------------------|
| $K_{IS}$  | $\Delta H$<br>-27.76 kJ/mol =<br>-6.63 kcal/mol | -22.81 kJ/mol =<br>-5.45 kcal/mol  | -22.13 kJ/mol =<br>-5.29 kcal/mol  | -25.93 kJ/mol =<br>-6.19 kcal/mol  |
|           | $\Delta S$<br>-91.06 J/mol =<br>-21.75 cal/mol  | -67.68 J/mol =<br>-16.17 cal/mol   | -56.98 J/mol =<br>-13.61 cal/mol   | -58.6 J/mol =<br>-14.0 cal/mol     |
| $K_2$     | $\Delta H$<br>-28.22 kJ/mol =<br>-6.74 kcal/mol | -25.49 kJ/mol =<br>-6.09 kcal/mol  | -24.999 kJ/mol =<br>-5.97 kcal/mol | -25.46 kJ/mol =<br>-6.08 kcal/mol  |
|           | $\Delta S$<br>-72.88 J/mol =<br>-17.41 cal/mol  | -60.78 J/mol =<br>-14.52 cal/mol   | -58.1 J/mol =<br>-13.88 cal/mol    | -57.87 J/mol =<br>-13.82 cal/mol   |
| $\beta_2$ | $\Delta H$<br>-56.10 kJ/mol =<br>-13.4 kcal/mol | -48.30 kJ/mol =<br>-11.54 kcal/mol | -47.09 kJ/mol =<br>-11.25 kcal/mol | -51.19 kJ/mol =<br>-12.23 kcal/mol |
|           | $\Delta S$<br>-164.29 J/mol =<br>-39.25 cal/mol | -128.46 J/mol =<br>-30.69 cal/mol  | -114.98 J/mol =<br>-27.47 cal/mol  | -115.82 J/mol =<br>-27.67 cal/mol  |