

tf

433.81

K

Solubility determination and thermodynamic modeling of paclobutrazol in nine organic solvents from T = (278.15 to 318.15) K and mixing properties of solutions

Sources

Solubility modelling and preferential solvation of paclobutrazol in cosolvent mixtures (Methanol, n-propanol and 1,4-dioxane) + water:
NIST Webbook:

<https://www.doi.org/10.1016/j.jct.2017.05.004>

Crippen Method:

<http://link.springer.com/article/10.1007/BF02311772>

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C76738620&Units=SI>

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci990307l>

https://www.cheméo.com/doc/models/crippen_log10ws

Solubility determination and thermodynamic modeling of paclobutrazol in nine organic solvents from T = (278.15 to 318.15) K and mixing properties of solutions:

<https://www.doi.org/10.1016/j.jct.2016.09.038>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices
tf: Normal melting (fusion) point

Latest version available from:

<https://www.cheméo.com/cid/41-326-4/Paclobutrazol.pdf>

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