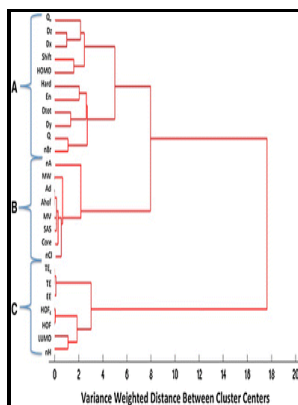


# Water solubility and octanol/water partition coefficients of organics - limitations of the solubility-partition coefficient correlation

American Chemical Society - Partitioning Relationships for Chlorinated Organics Between Water and Particulates in the St. Clair, Detroit and Niagara Rivers



Description: -

- Water solubility and octanol/water partition coefficients of organics - limitations of the solubility-partition coefficient correlation

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Notes: Photocopy of: Environmental Science and Technology, vol. 14, no. 10, (1980), pp.1227-1229.

This edition was published in 1980



Filesize: 59.76 MB

Tags: #logP, #logKow: #Octanol

**Relation between water solubility, octanol/water partition coefficients, and bioconcentration of organic chemicals in fish: A review**

Styrene Biofiltration Using Two Packing Materials with Different Adsorption Properties. Henar Martínez-García, in , 2016 5.

**Aqueous Solubility, n**

Transport of Lipophilic Non-Electrolytes Across the Cuticle. An Introduction to Aspects of Thermodynamics and Kinetics Relevant to Materials Science 3rd ed. Topically administered Risedronate shows powerful anti-osteoporosis effect in ovariectomized mouse model.

**Relationships between aqueous solubility and octanol**

The PDMS silicone was loaded by partitioning from a methanol soln. Application of radial basis function neural network to predict soil sorption partition coefficient using topological descriptors. Environmental Engineering Science 2019, 36 3 , 305-315.

**The octanol**

Pascoe, Keith Kroeger, Dwight Leisle, Robert J. From a practical standpoint, we recommend users to prefer the ESABV model on account of its better predictive performance compared to other models developed in this study for estimation of log K<sub>pe-w</sub> values.

**Munitions Constituents**

Structures were solved using direct methods. Environmental Hazard Assessment Using Lipophilicity Data. In Testa B, van de Waterbed HM, Folkers G, Guy R eds.

## Octanol

The dotted line in the middle shows 1:1 agreement, and upper and lower dotted lines indicate 1:2 agreement between the experimental and predicted values. Polynuclear Aromatic Hydrocarbons PAHs and Related Aromatic Hydrocarbons. The Comp B, Tritonal, and TNT particles all turned rust red with exposure to sunlight.

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