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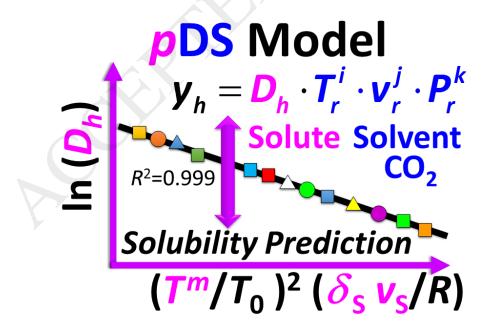
## ACCEPTED MANUSCRIPT

Predictive dimensionless solubility (pDS) model for solid solutes in supercritical CO<sub>2</sub> that requires only pure-component physical properties

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