

### Solubility of ibuprofen in supercritical carbon dioxide and mixtures consisting of cosolvent

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The solubility of ibuprofen in supercritical carbon dioxide and mixtures consisting of supercritical carbon dioxide and cosolvent measured by observing the cloud point. The cloud point observed using a variable volume view cell. Organic solvents were used as cosolvent. The solubility of ibuprofen by mass fraction change of cosolvent researched.