

SUPPLEMENTARY INFORMATION

Recent Advances on Removal of Pharmaceutical Pollutants in Wastewater using Metal Oxides and Carbonaceous Materials as Photocatalysts: A Review

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Based on Source: PubChem (<https://pubchem.ncbi.nlm.nih.gov/>), the information on the solubility of various pharmaceutical pollutants are provided below.

Pollutants	Solubility in water
Acetaminophen	Very slightly soluble in cold in cold but greater solubility in hot water [1]
Amoxicillin	Soluble in water [2] 1 g soluble in about 370 mL water [3]
Sulfamethoxazole	610 mg/L, at 37 °C [4] 38 [ug/mL] (The mean of the results at pH 7.4) [5]
Ibuprofen	21 mg/l @ 25 °C [6]
Norfloxacin	0.28 mg/mL at 25 °C. Solubility in is pH dependent, increasing sharply at pH<5 or pH >10 [7]
Ciprofloxacin	30,000 mg L ⁻¹ at 20 °C [8]
Tetracycline	Sparingly soluble [9]
Diclofenac	2.37 mg L ⁻¹ at 25 °C [10]
Atenolol	1.33x10+4 mg/l @ 25 °C [11]

References

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