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Rapid and complete degradation of diclofenac by native soil microorganisms

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12 Highlights

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- 14 • degradation of 0.1 – 1.0 g/L of the xenobiotic diclofenac within 7 days
- 15 • degradation by microbial forest soil consortia
- 16 • inhibition by phosphate and bicarbonate salts
- 17 • identification of a novel carboxylated degradation intermediate

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20 Keywords

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22 xenobiotic, diclofenac, soil, carboxylation, degradation, metabolite

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