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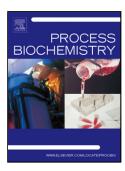
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## ACCEPTED MANUSCRIPT

New pathways for the biodegradation of diethyl phthalate by Sphingobium yanoikuyae SHJ

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#### **Graphical abstract**

Proposed biodegradation pathway of DEP by Sphingobium yanoikuyae SHJ under simulated shallow aquifer conditions

DEP

MEP

PA

Limited

MMP

O Hydrolysis process

② Demethylation or transesterification process

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