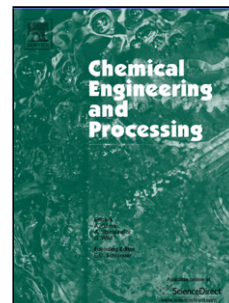


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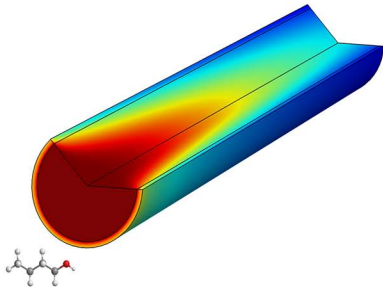
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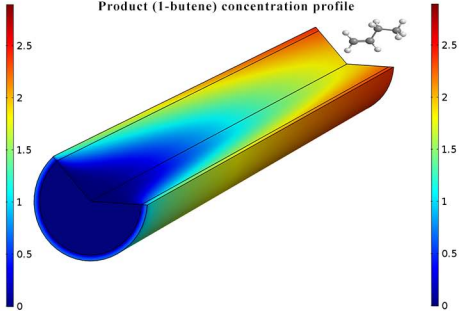
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**Reactant (1-butanol) concentration profile**



**Product (1-butene) concentration profile**



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