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Title: Formulation and evaluation of nanocrystalline cellulose as a potential disintegrant

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Research highlights

- NCC was formulated and evaluated as a novel disintegrant applying to tablets.
- NCC exhibited the disintegration-affectivity with AOR of 44.26°.
- Hardness and disintegration time of calcium carbonate tablet containing NCC was improved.
- This article practically proved NCC potentially reinforced disintegration of tablets.

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