

## Accepted Manuscript

Title: Photodegradation of 2-chloropyridine in aqueous solution: reaction pathways and genotoxicity of intermediate products

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## Highlights

- 2-CPY intermediate quantification during photo-treatment
- Proposed potential pathways of product formation
- Genotoxicity measurement of commercially available intermediates
- Indication of potential culprits for genotoxicity fluctuation during treatment.

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