



Showcasing research from Professor Satoh's laboratory,
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Development of a bio-based adhesive by polymerization of
Boc-protected vinyl catechol derived from caffeic acid

Catechol functionalities were applied for bio-based
adhesives, which were derived from caffeic acid found
in coffee beans. Using as a primer for conventional
polyurethane glue, metal plates were stuck well by the
adhesive.

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See Kotaro Satoh *et al.*,
RSC Sustainability, 2025, 3, 1714.