

Description of Additional Supplementary Files

Supplementary Data 1 - Optimized structures in the VASP format were listed in the Supplementary Data 1.

Cu: Clean surface, *OCHCH₂, *OCHCH₃, *OCH₂CH₃

Cu with 1/9 *CO: Clean surface, *OCHCH₂, *OCHCH₃, *OCH₂CH₃

Cu with 2/9 *CO: Clean surface, *OCHCH₂, *OCHCH₃, *OCH₂CH₃

Ag-Cu interface: Clean surface, *OCHCH₂, *OCHCH₃, *OCH₂CH₃