

Supporting Information for:

Differentiation between enamines and tautomerizable imines oxidation reaction mechanism using Electron-vibration-vibration two dimensional infrared spectroscopy

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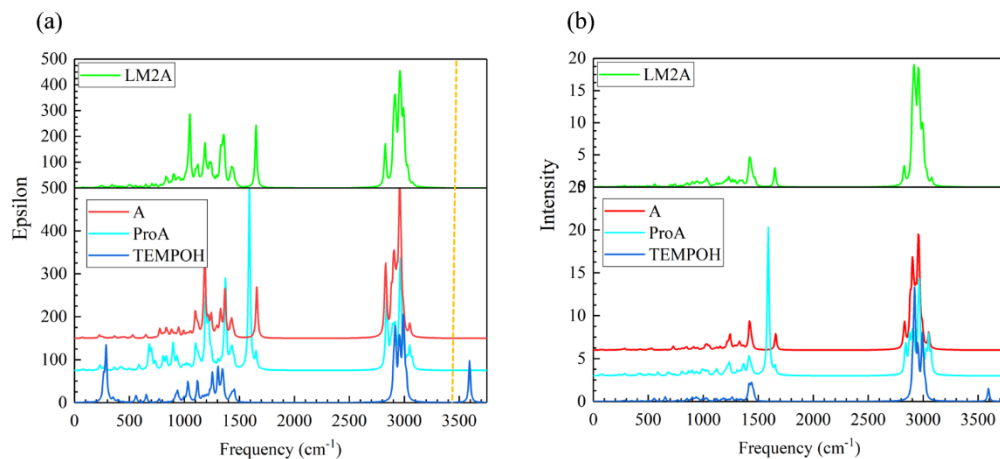


Figure S1. Calculated (a) IR and (b) Raman spectrum for each species in enamine reaction pathway. The half-width at half height of IR and Raman peaks is 10 cm^{-1} .

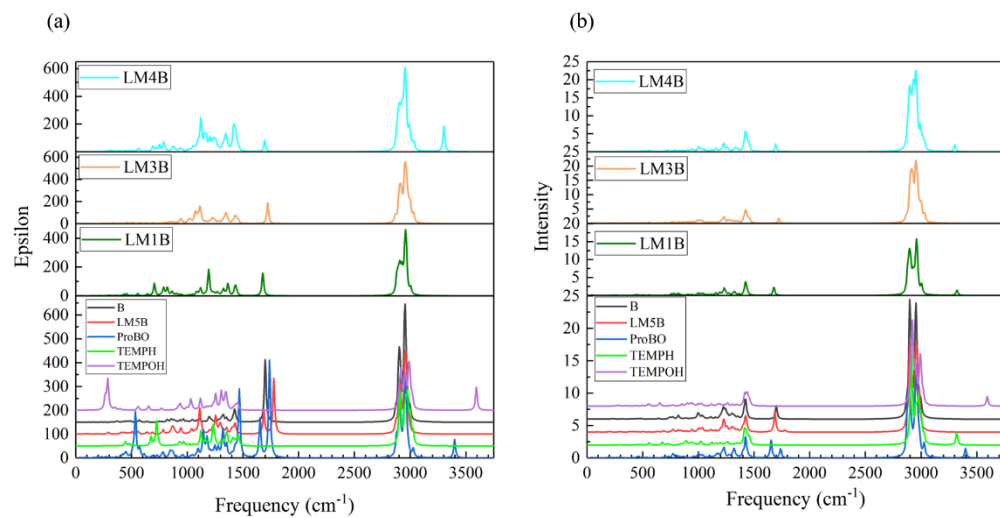


Figure S2. Calculated IR (a) and Raman (b) spectrum for each species in imine reaction pathway. The half-width at half height of IR and Raman peaks is 10 cm^{-1} .