

# Defect-Engineering in MoS<sub>2</sub> Layers for Surface Enhanced Raman Scattering

Supporting information

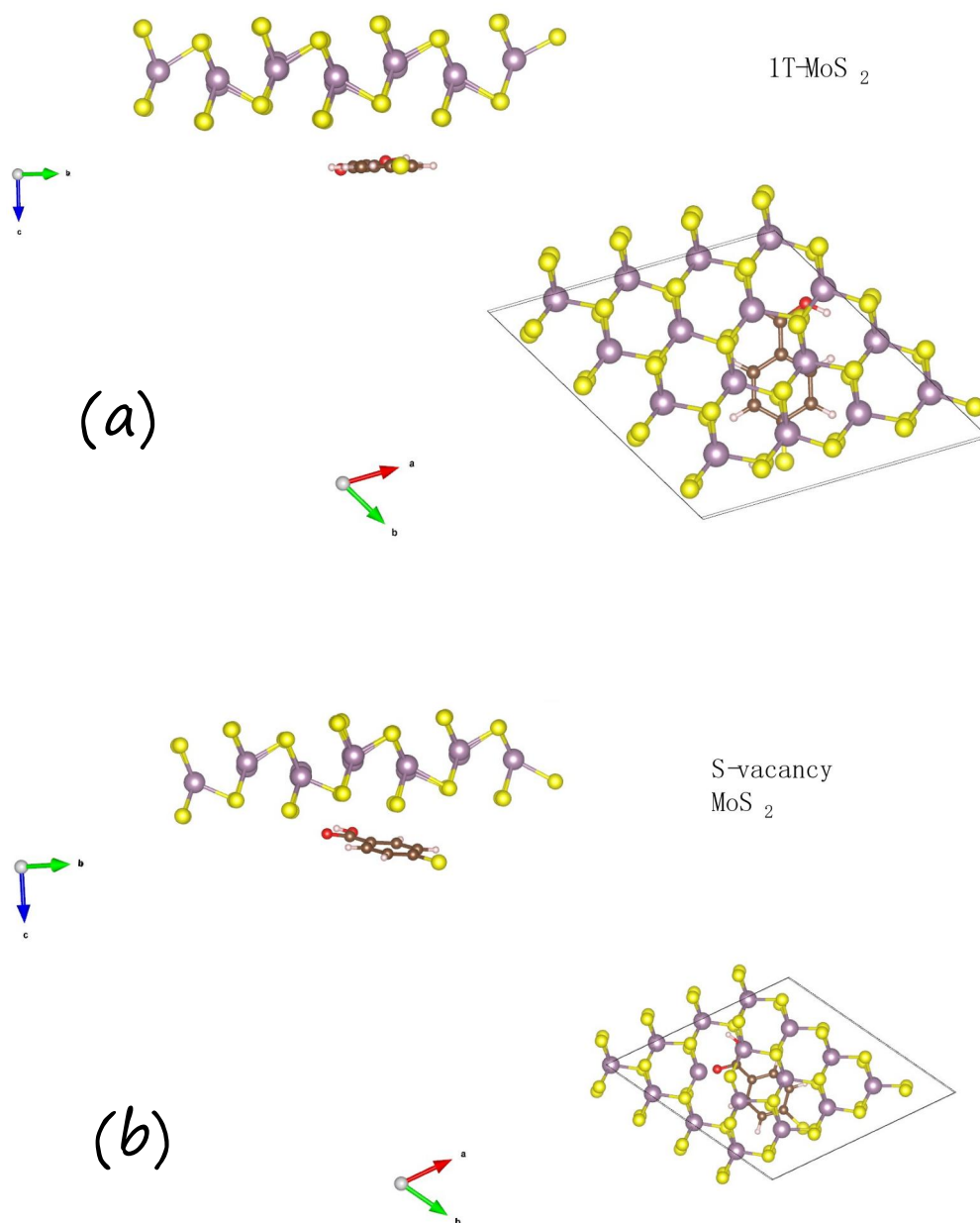


Figure S1. Slabs modeled as a monolayer of MoS<sub>2</sub> metallic 1T (a) and with S-vacancy sites (b) in presence of the adsorbate molecule, 4-mercaptobenzoic acid. Each model is reported with different space orientations.