

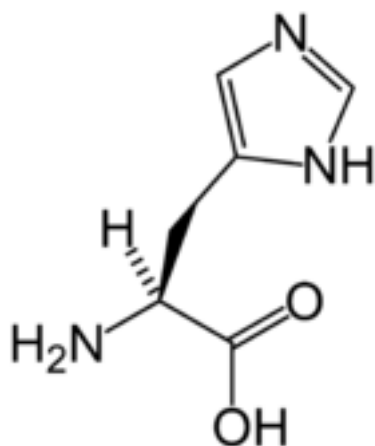
## Supporting Information

### Organoclays as carriers for storage and slow release of therapeutic nitric oxide

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**Fig. S1: Structure of L-Histidine**

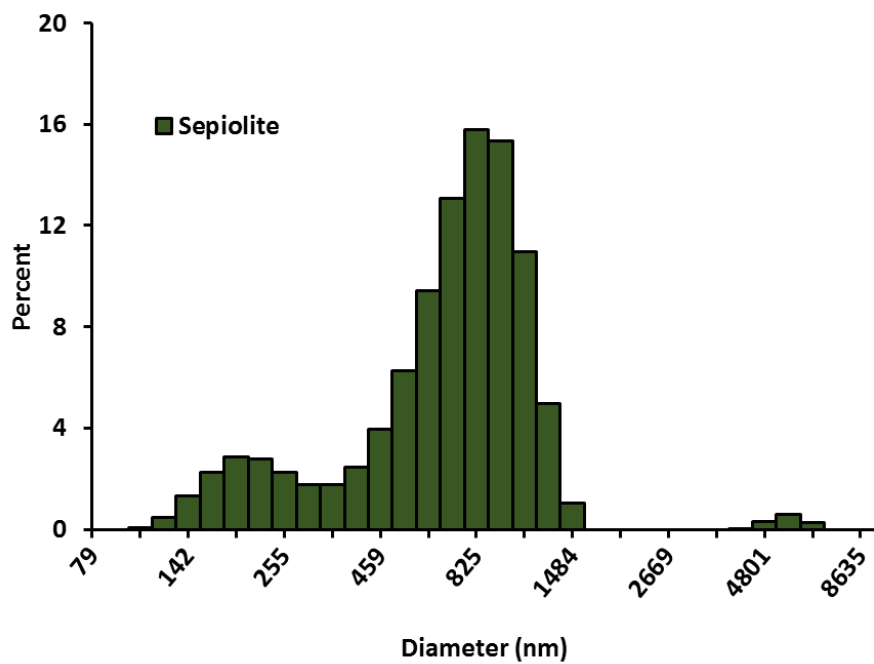
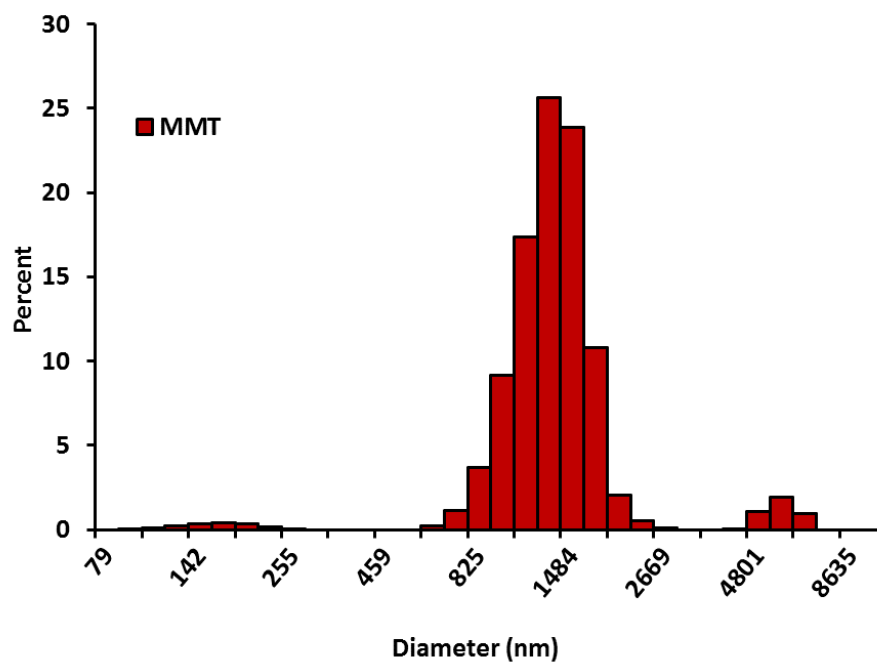
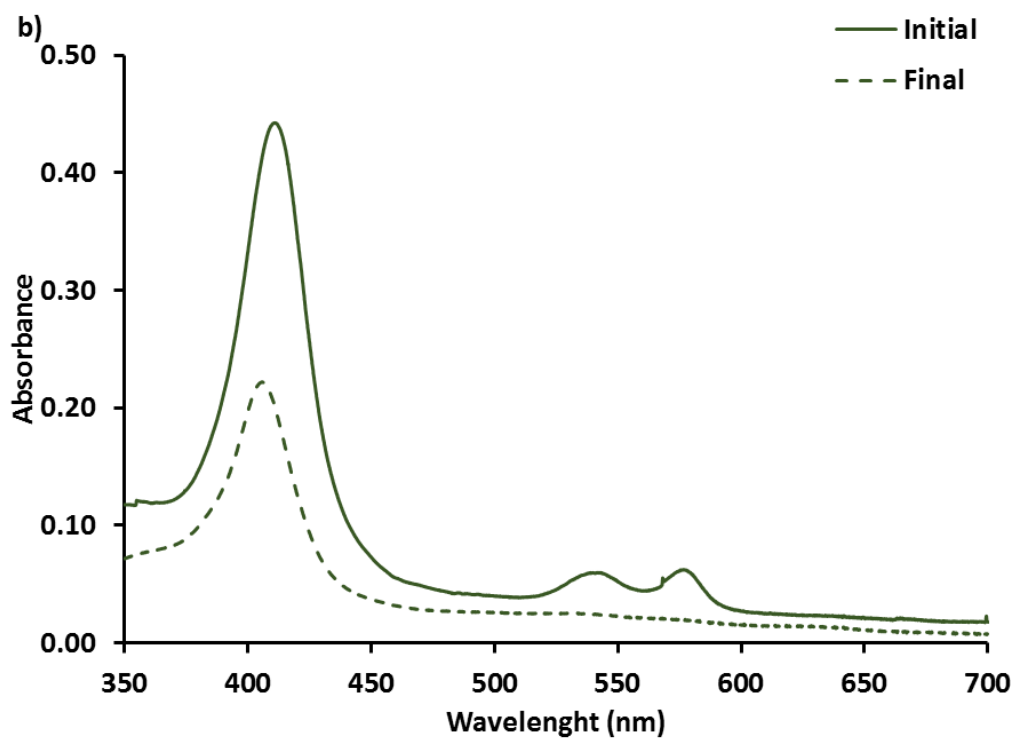
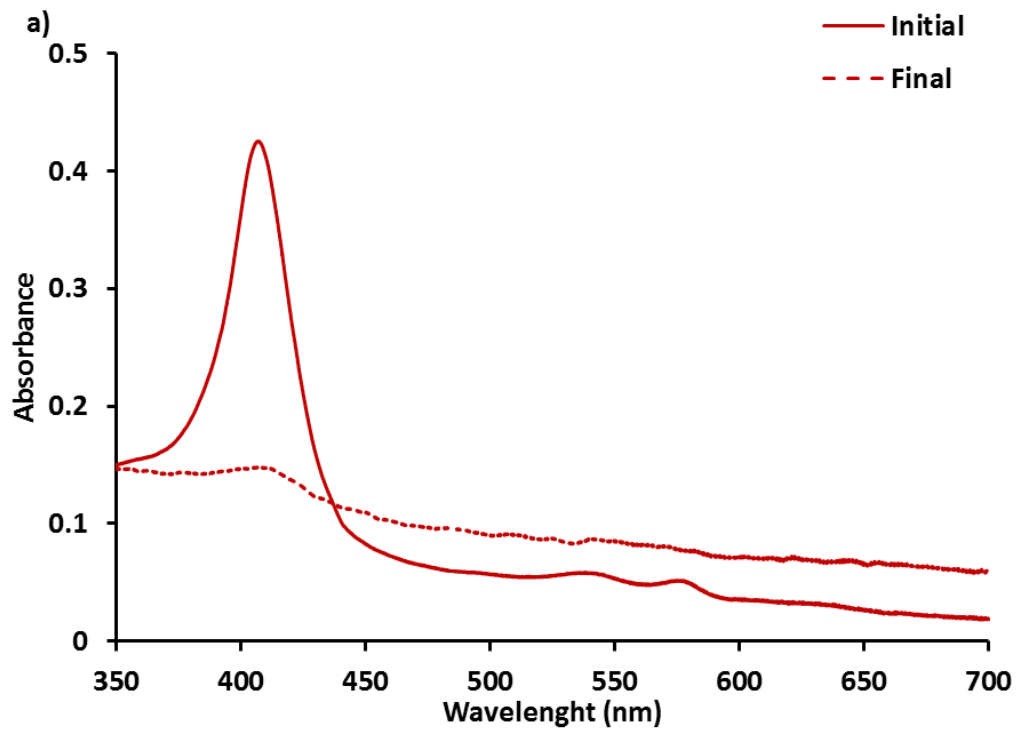


Fig. S2. Results for the Dynamic Light Scattering (DLS) analysis of the studied clays.



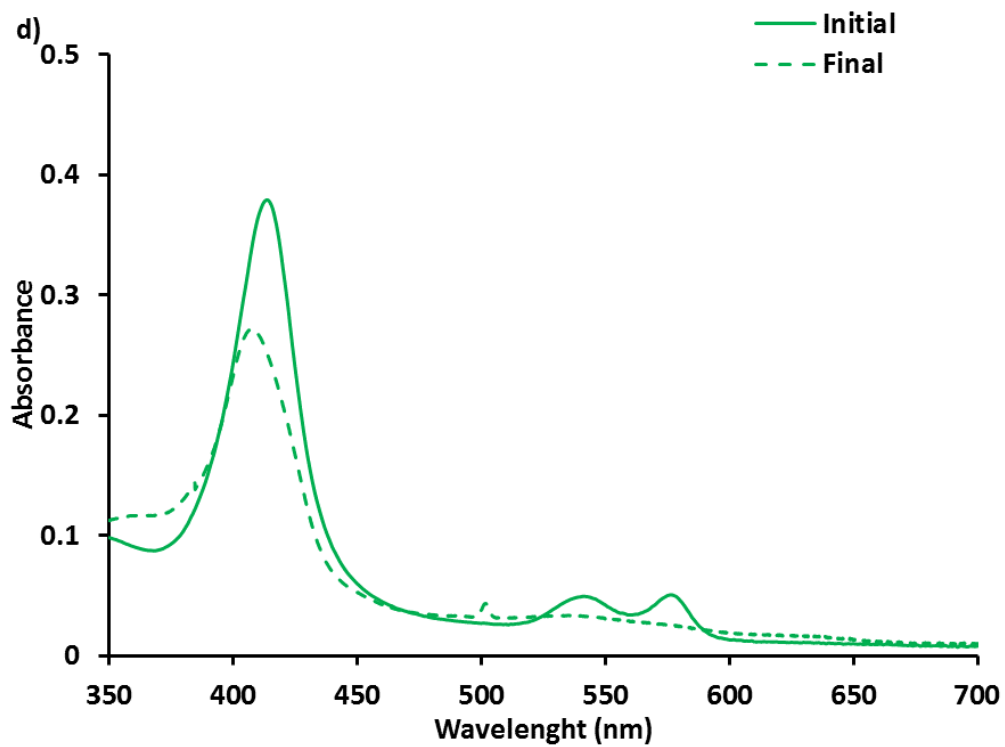
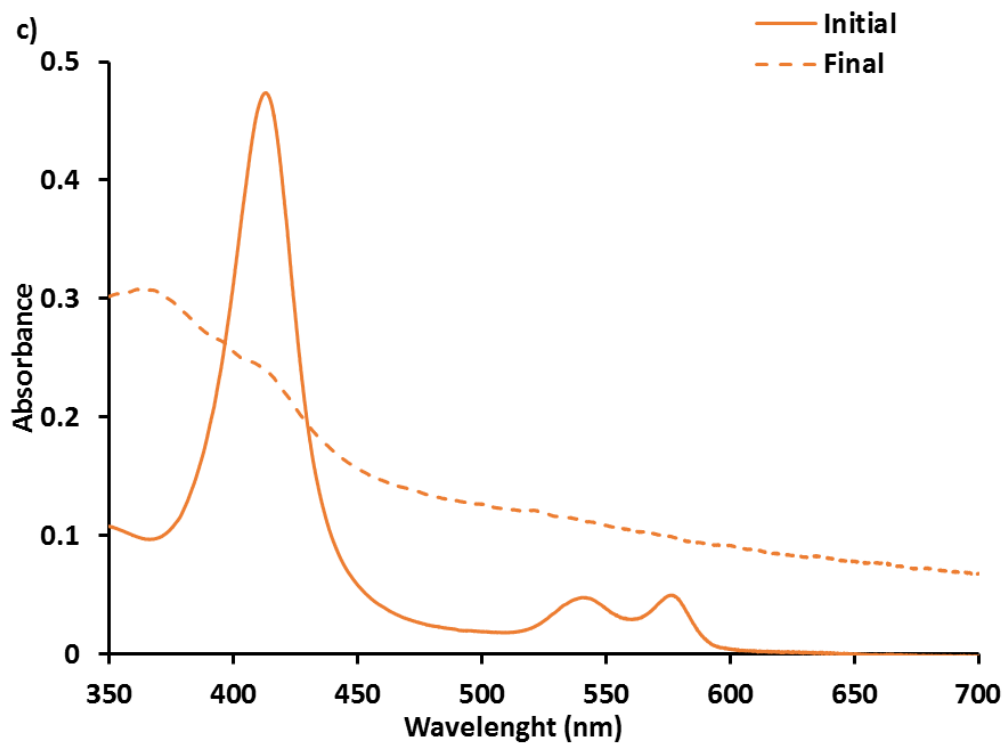


Fig. S3: Initial (oxyhemoglobin; full lines) and final (methemoglobin; broken lines) UV-Vis spectra for assays of NO release from a) MMT, b) Sepiolite, c) L-HM1 and d) L-HS1.

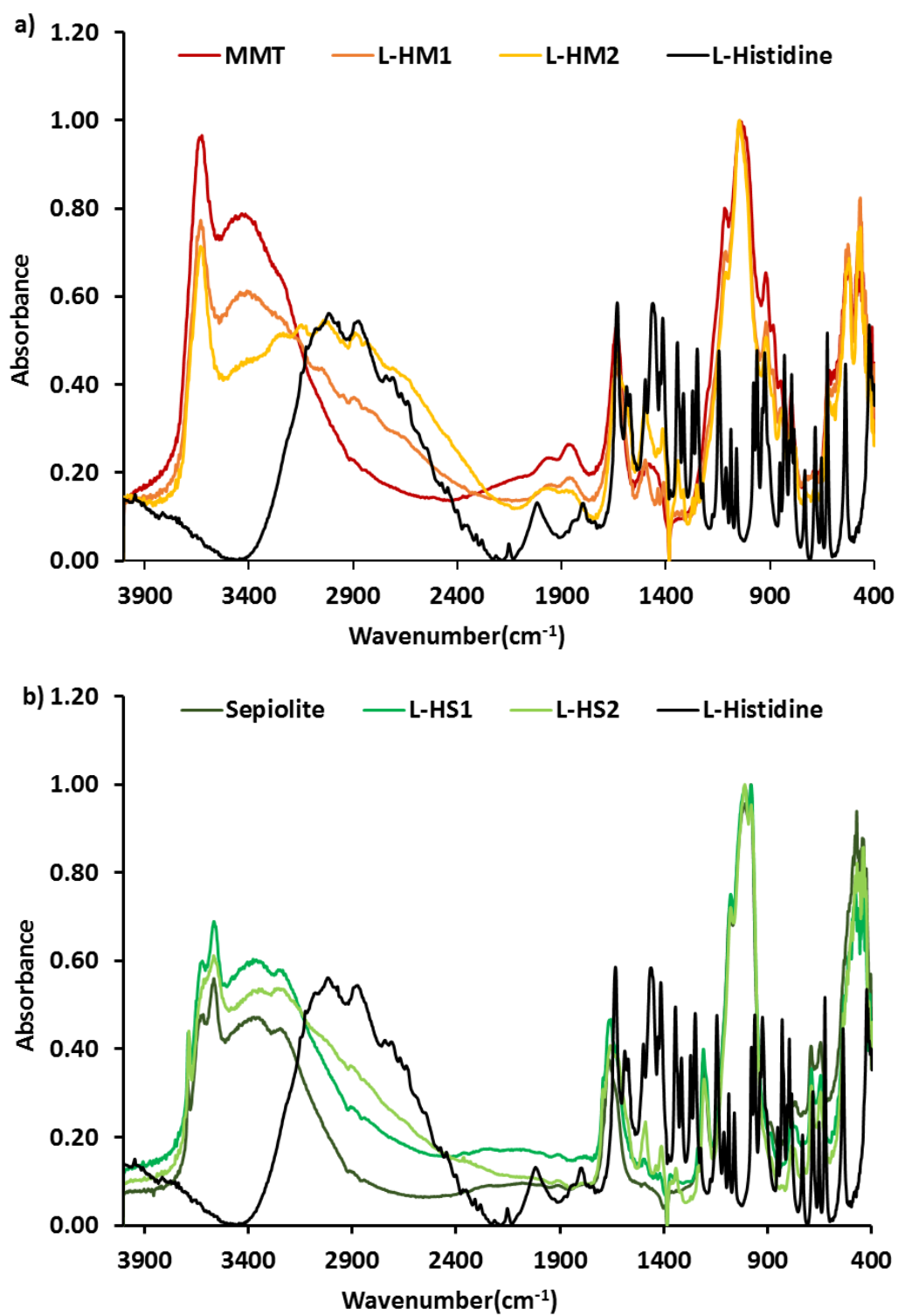


Fig. S4. FTIR spectra of pure L-Histidine, raw clays and intercalated material with L-Histidine