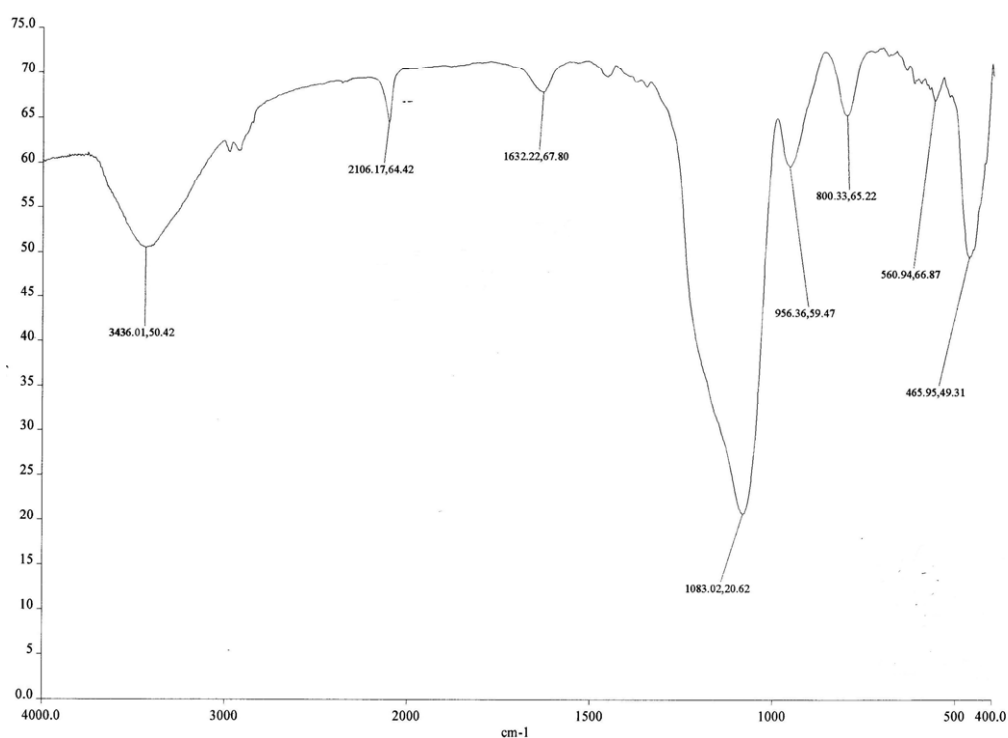


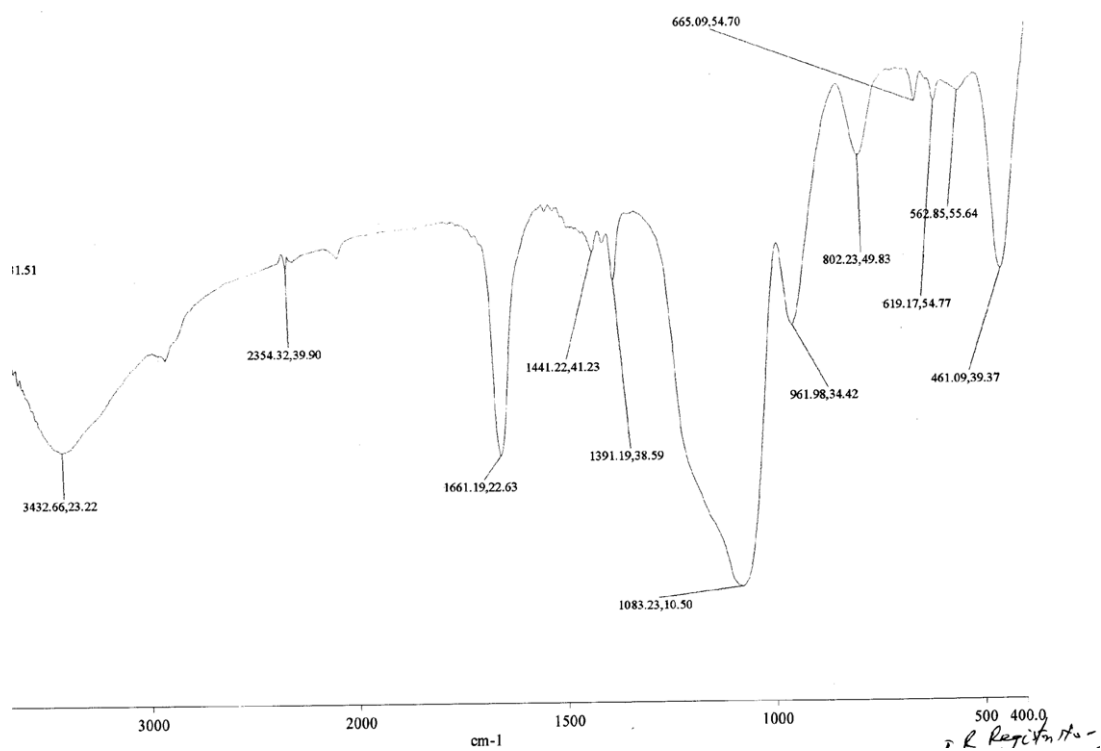
**Click chemistry: an improved approach to high yielding immobilization of
vanadium Schiff base on mesoporous silica for oxidation of sulfides.**

Suman L. Jain^{a}, Bharat S. Rana^b, Bhawan Singh^b, Anil K. Sinha^{b*}, Asim Bhaumik^c,
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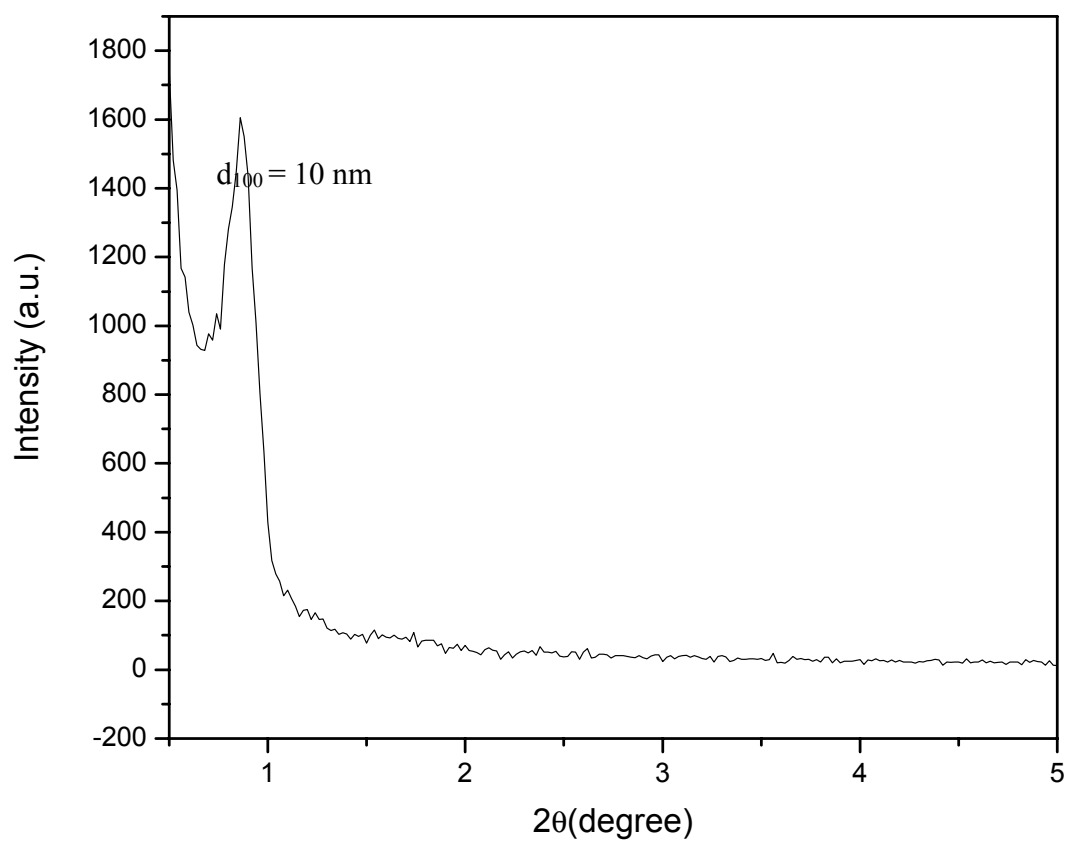
Supporting Figure 1: IR-Spectra of azido-functionalized mesoporous silica support



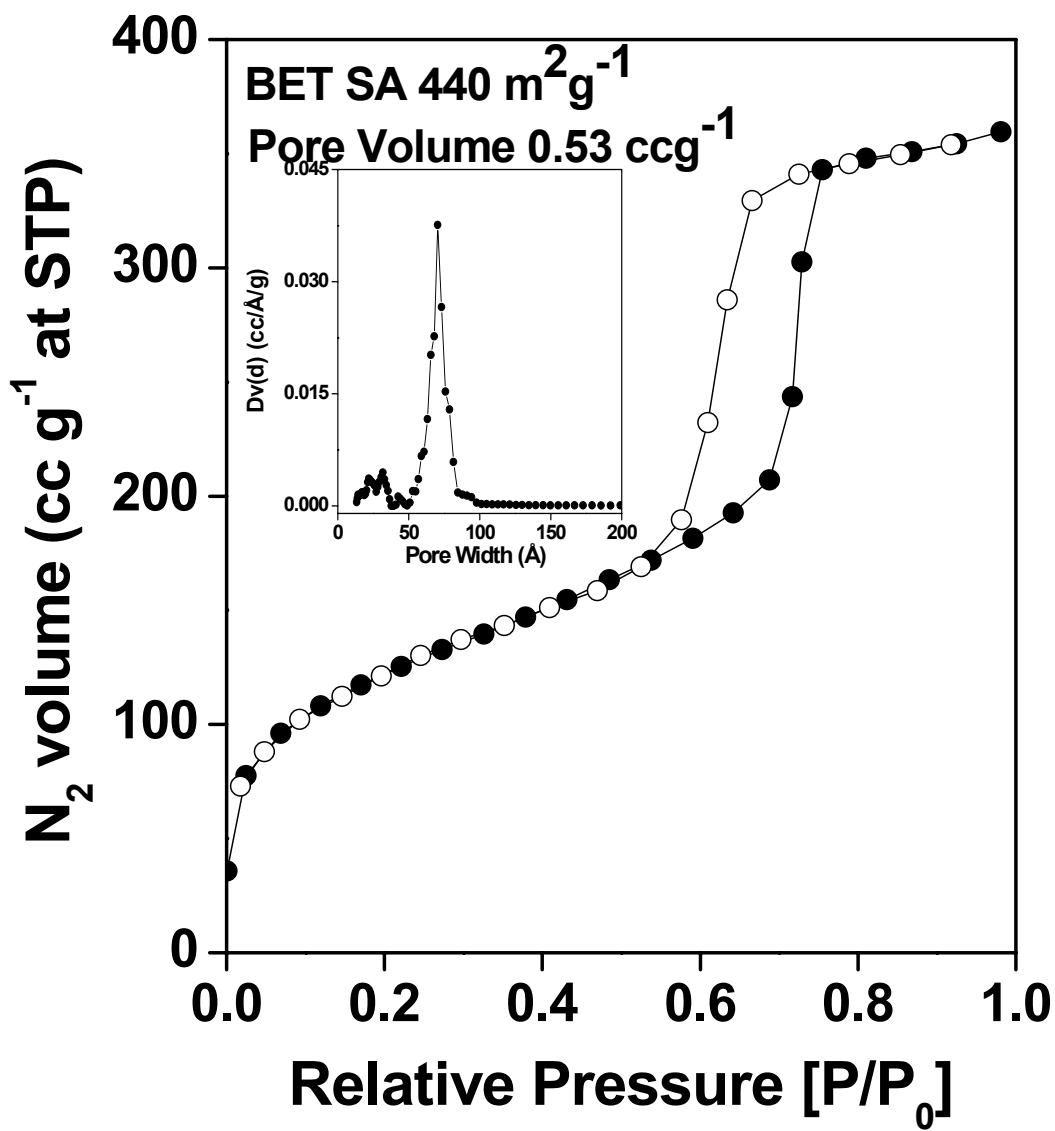
Supporting Figure 2: IR-spectra of mesoporous silica immobilized oxo-vanadium (IV) Schiff base **4** prepared via click reaction.



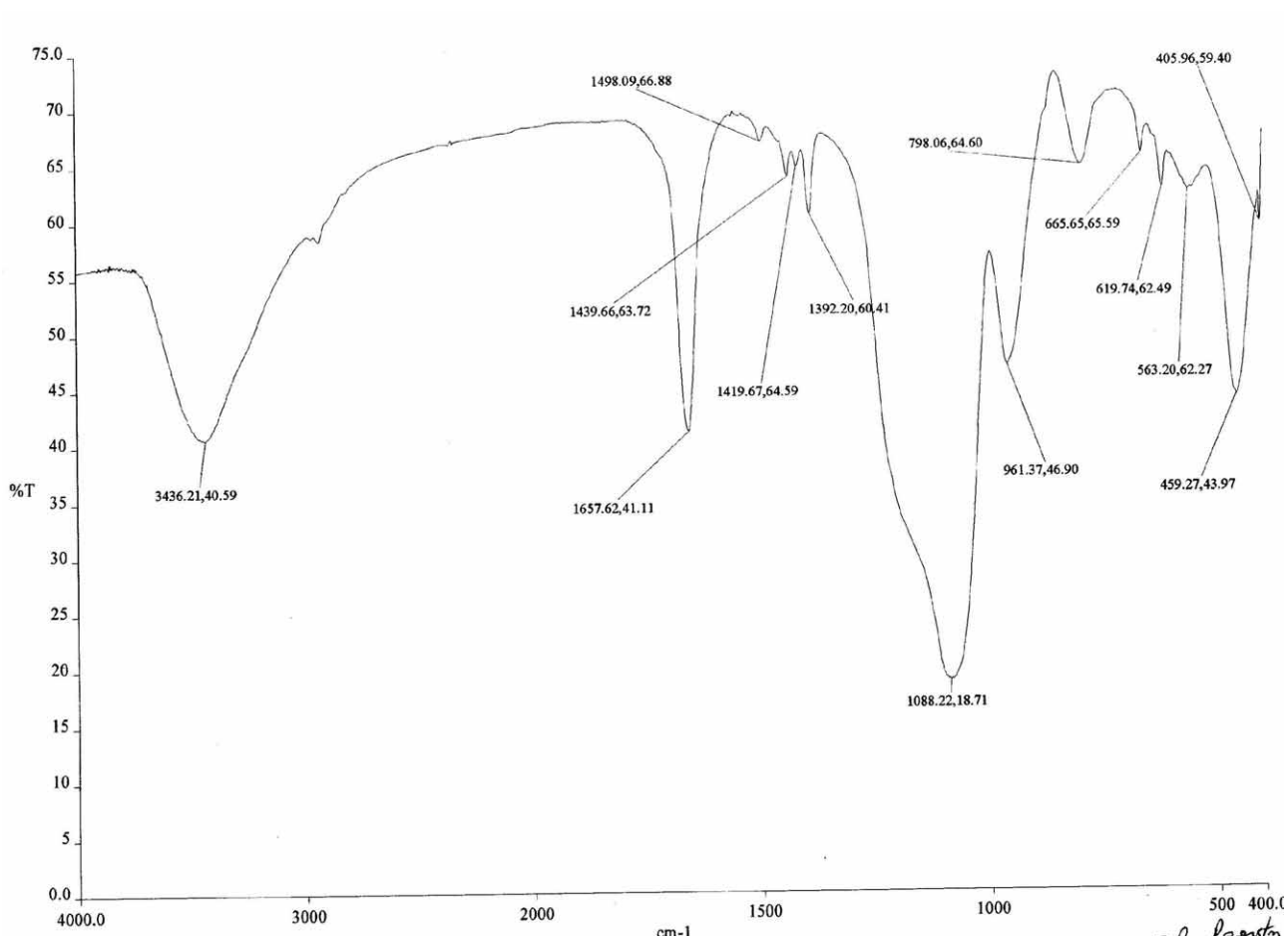
Supporting Figure 3: Low-angle XRD pattern of mesoporous silica immobilized oxo-vanadium (IV) Schiff base **4** prepared via click reaction.



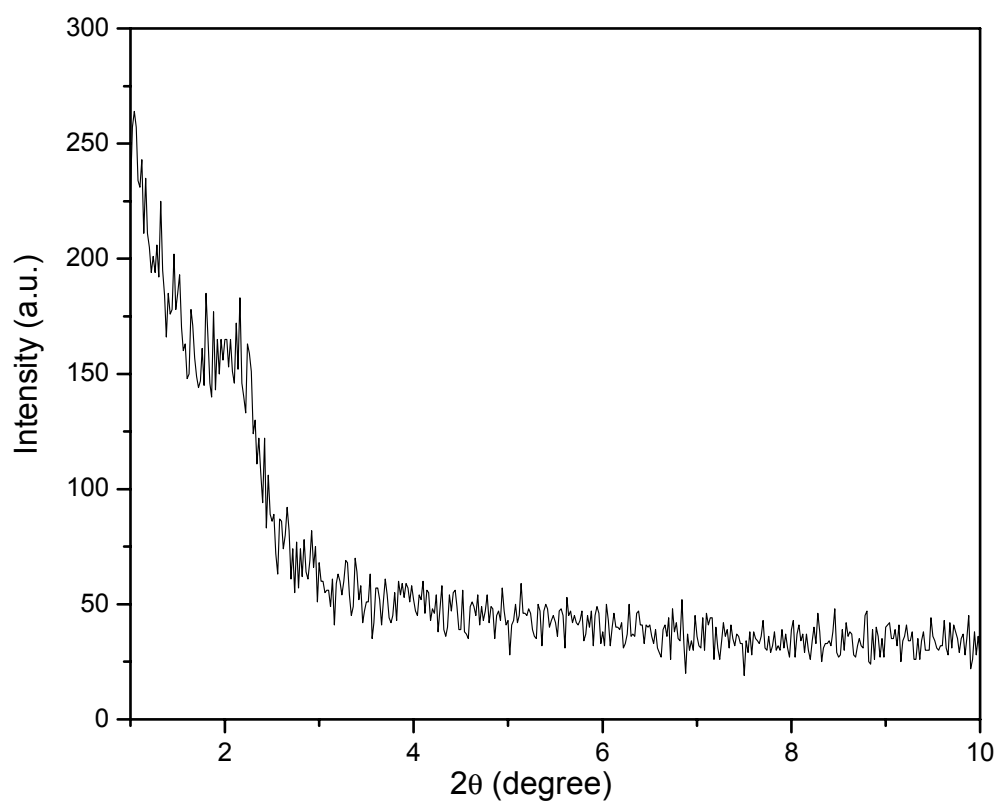
Supporting Figure 4: Nitrogen-sorption isotherm and pore-size distribution of mesoporous silica immobilized oxo-vanadium (IV) Schiff base **4** prepared via click reaction.



Supporting Figure 5: IR-spectra of mesoporous silica immobilized oxo-vanadium (IV) Schiff base **6** prepared via direct method.



Supporting Figure 6: Low-angle XRD pattern of mesoporous silica immobilized oxo-vanadium (IV) Schiff base **6** prepared via direct method.



Supporting Figure 7: Nitrogen-sorption isotherm and pore-size distribution of mesoporous silica immobilized oxo-vanadium (IV) Schiff base **6** prepared via direct method.

