

Supporting Information

Triptycene based and amine linked nanoporous networks for efficient CO₂ capture and separation

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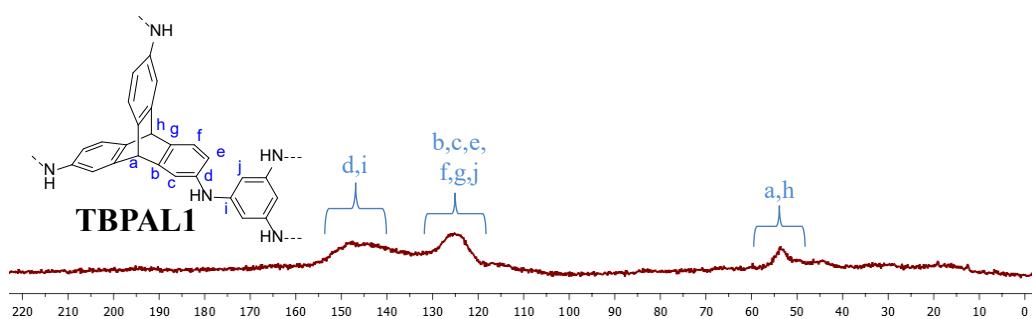


Figure S1: ¹³C solid state CPMAS NMR spectrum of **TBPAL1** with peak assignments.

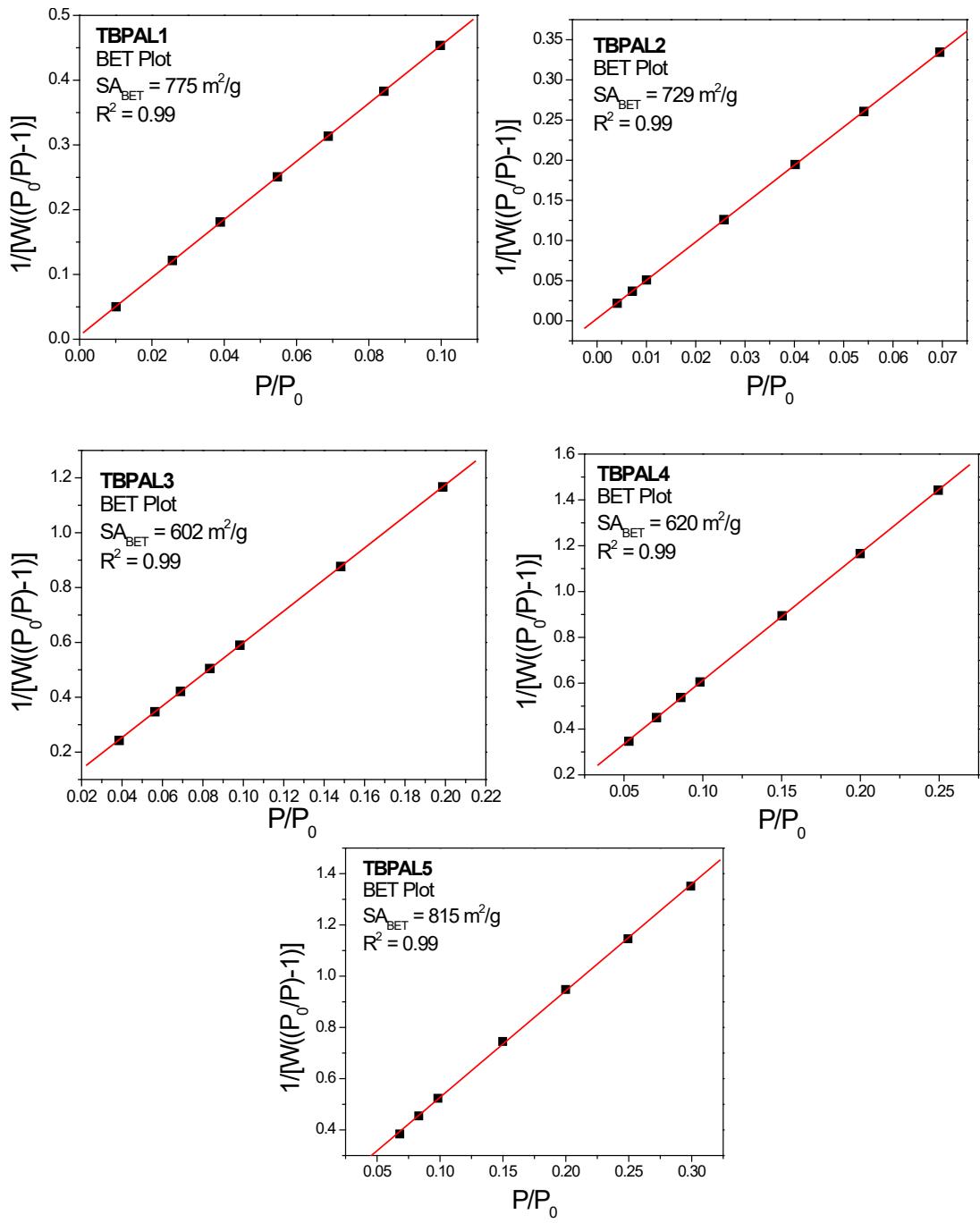


Figure S2: BET plot of TBPALs.

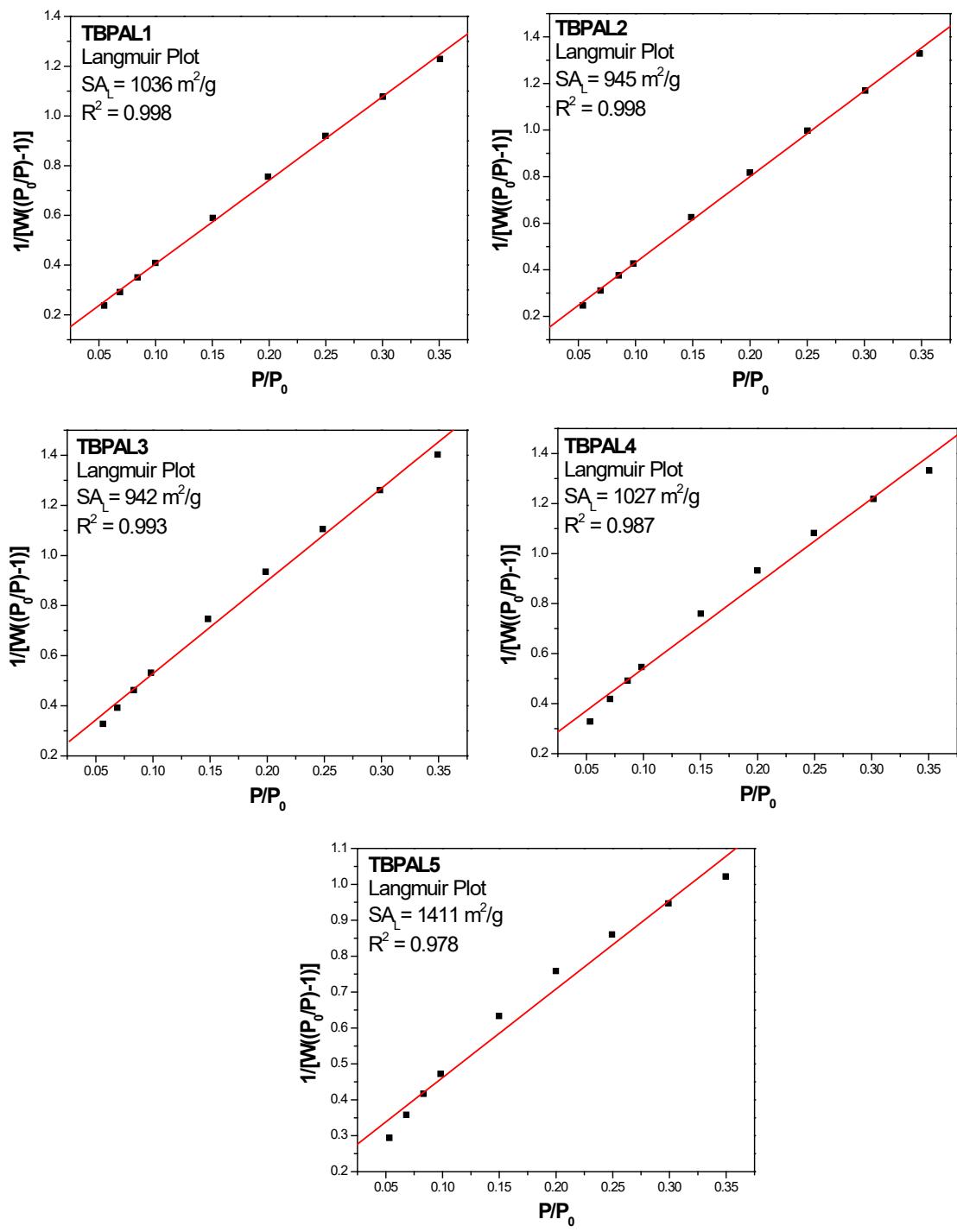
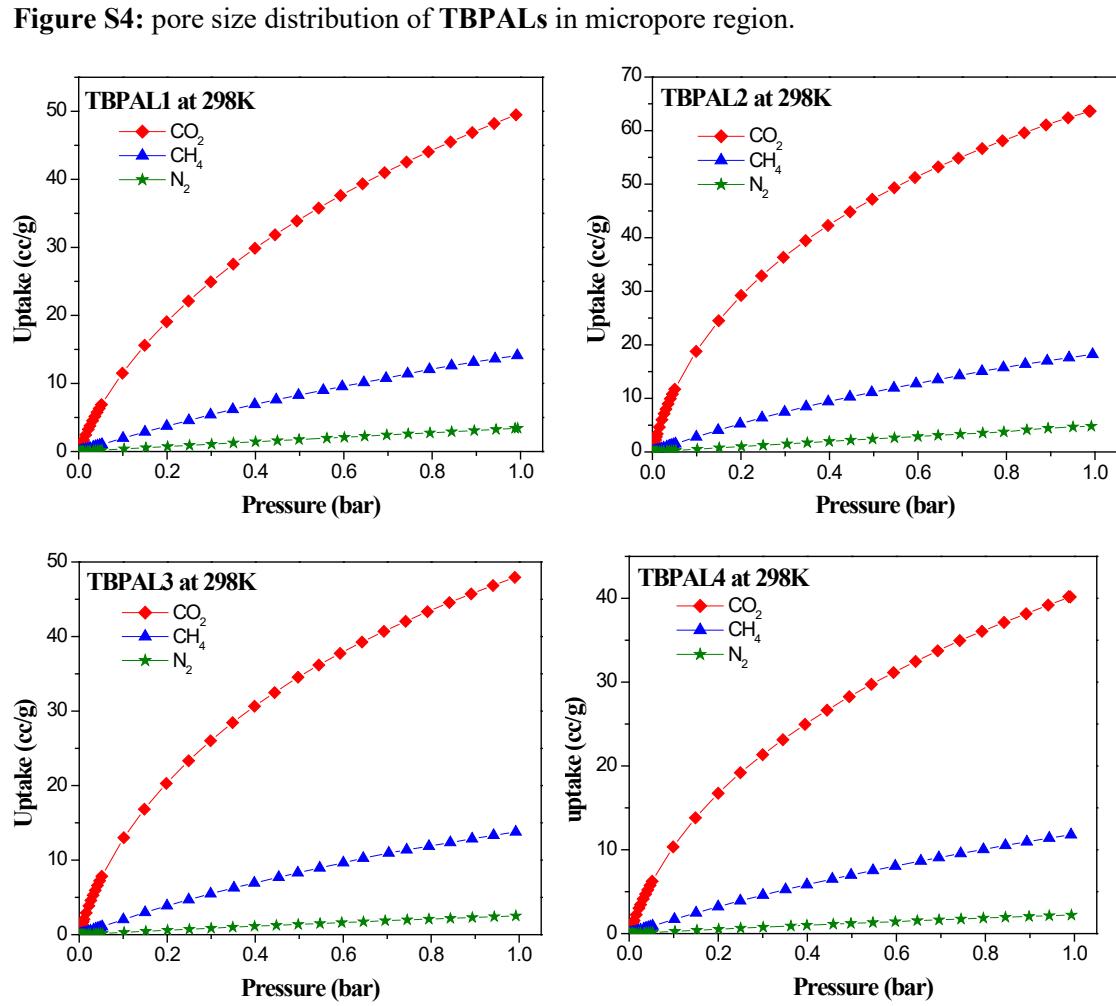
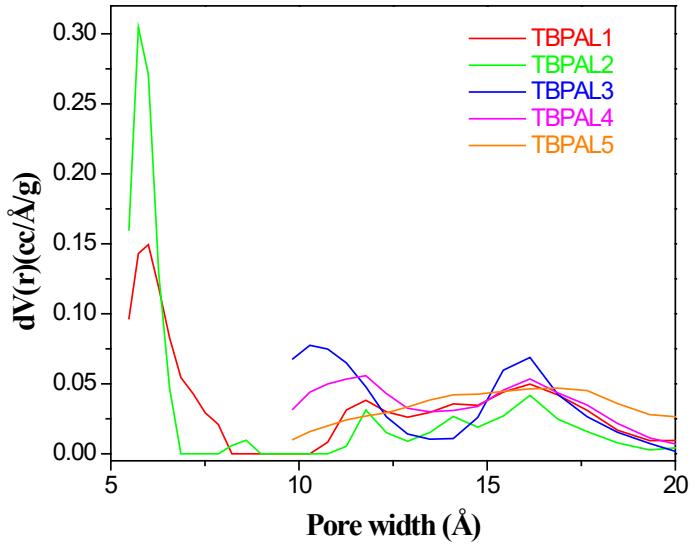


Figure S3: Langmuir plot of TBPALs.



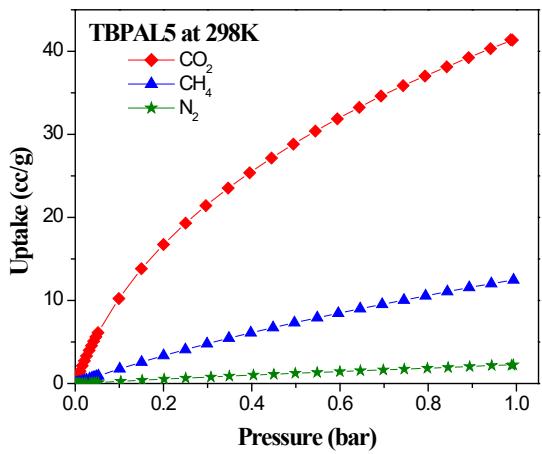
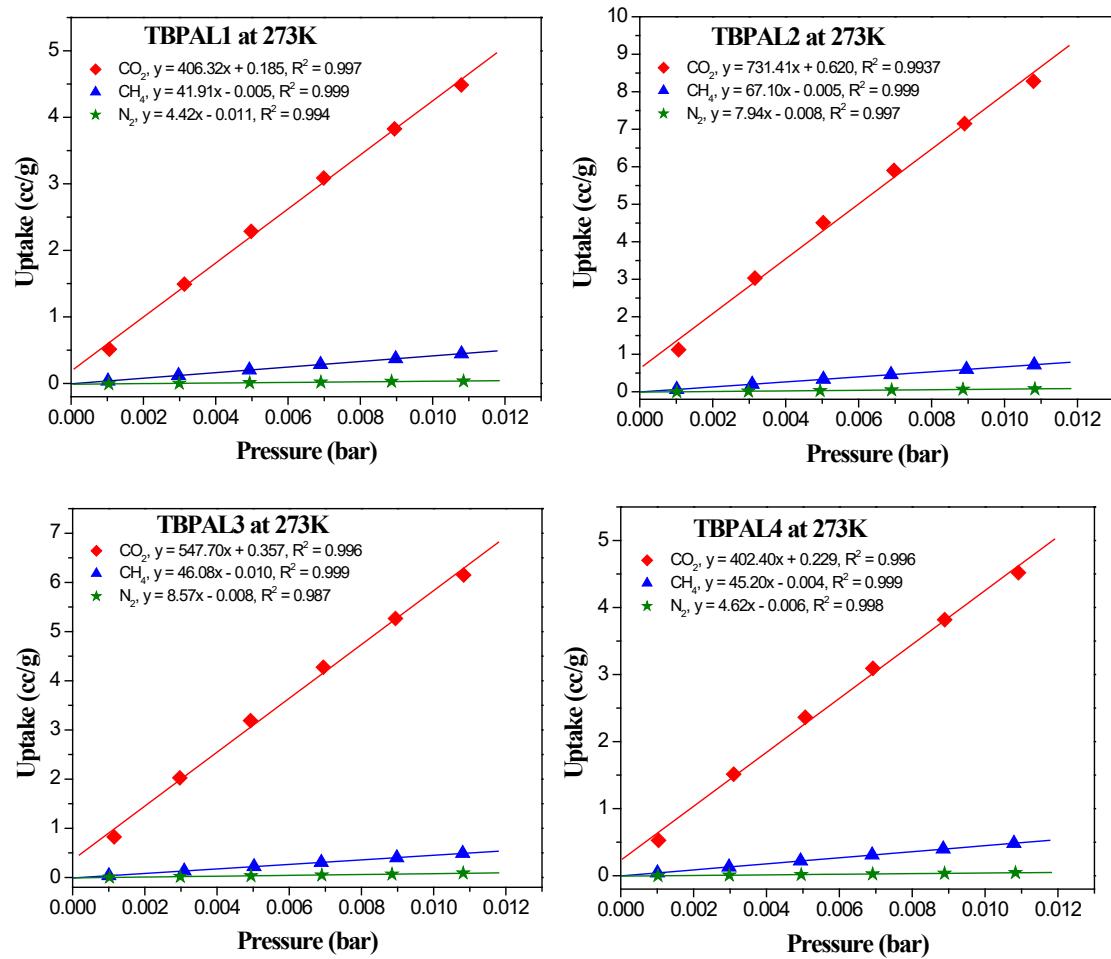


Figure S5: Uptake of various gases by TBPALs at 298K.



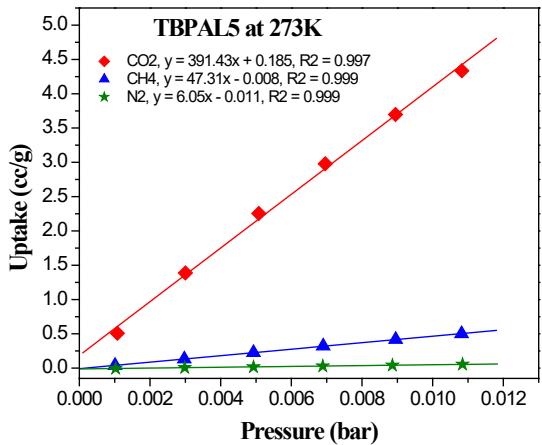
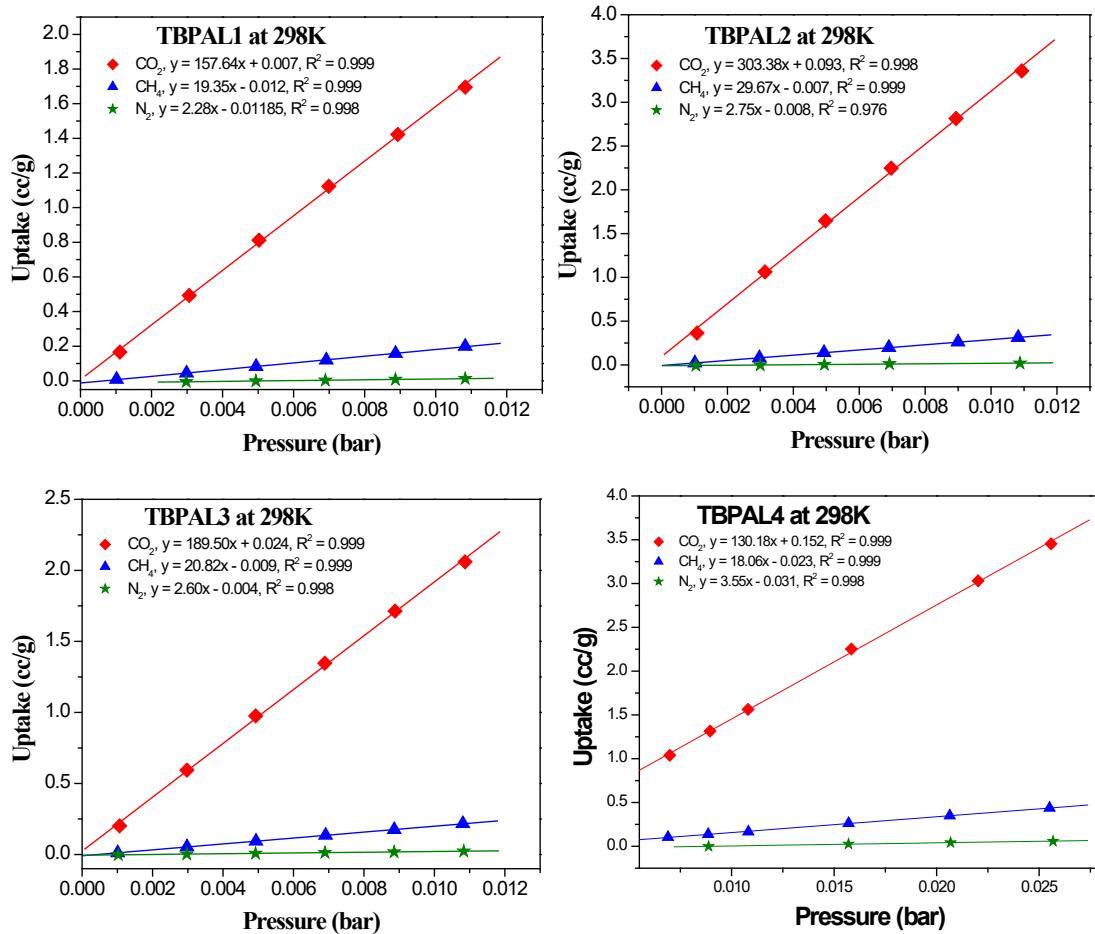


Figure S6: Initial gas uptake slopes of TBPALs at 273K.



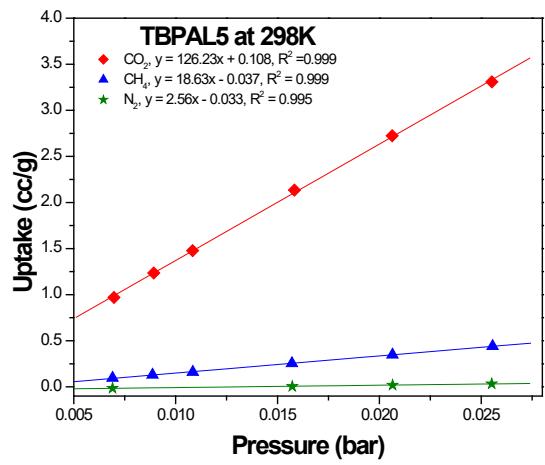


Figure S7: Initial gas uptake slopes of TBPALs at 298K.