Supporting Information

Facile preparation of extra-large pore zeolite ITQ-37 based on supramolecular assemblies as structure-directing agents

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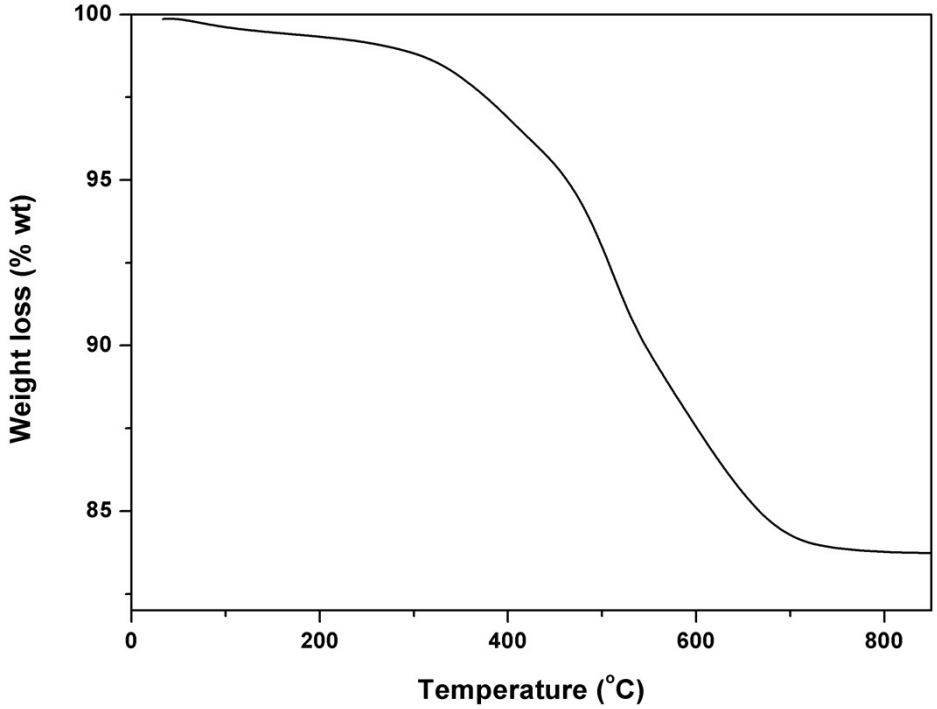

Fig. S1 Thermogravimetric curve of the as-synthesized U1

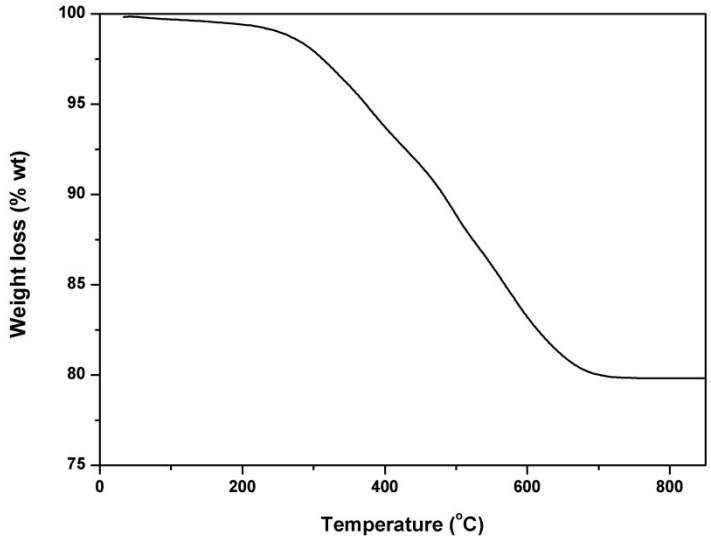

Figure S2. Thermogravimetric curve of as-synthesized ITQ-37

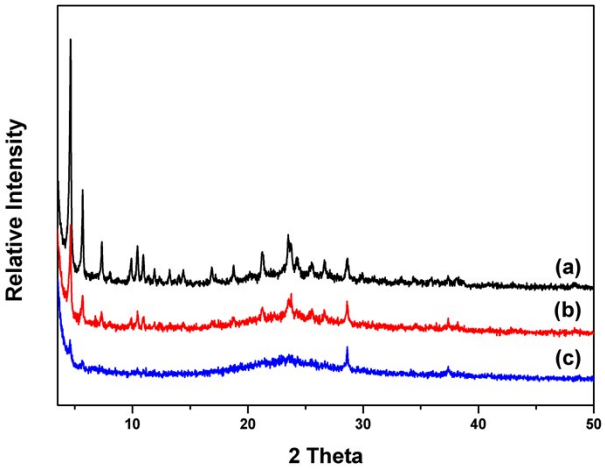

Figure S3. PXRD patterns of the calcined ITQ-37 kept in a moisture-containing atmosphere for (a) 10 min, (b) 30 min and (c) 1 h.

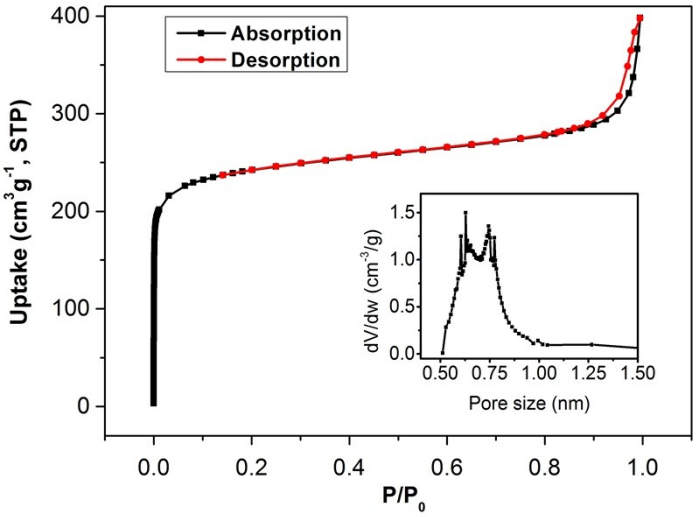

Figure S4. N_2 adsorption and desorption isotherms of the calcined ITQ-37. Insert shows the pore-size distribution calculated by HK method.

Table S1. Crystallographic and structural data for $tmbiBr_3$

Compound reference	$tmbiBr_3$
Chemical formula	$[C_{12}H_{15}(C_4N_2H_6)_3]_2(CH_3CN)\ Br_6(H_2O)$
Formula mass	1349.6
Crystal system	Monoclinic
a/Å	33.520(3)
b/Å	11.8717(9)
c/Å	16.0987(13)
α/°	90.00
β/°	105.855(2)
γ/°	90.00
Unit cell volume/Å^3	6162.5(8)
Temperature/K	296(2)
Space group	C 2/c
No. of formula units per unit cell, *Z*	4
No. of reflections measured	21936
No. of independent reflections	7678
R_{int}	0.0508
Final R_1 values ($I > 2\sigma(I)$) [a]	0.0553
Final $wR(F^2)$ values ($I > 2\sigma(I)$) [a]	0.1496
Final R_1 values (all data) [a]	0.1202
Final $wR(F^2)$ values (all data) [a]	0.1730
Goodness of fit on F^2	1.072

[a] $R_1 = \Sigma||F_o| - |F_c||/\Sigma|F_o|$, $wR = [\Sigma w(F_o^2 - F_c^2)^2/\Sigma w(F_o^2)^2]^{1/2}$