Electronic Supplementary Material (ESI) for RSC Advances.

Supplementary Information

Acid base co–crystal converted into porous carbon material for energy storage devices

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Table S1. Crystal data and structure refinement parameters for **In–3**

Crystal Parameters		In–3
Empirical formula		$C_{26}H_{20}N_2O_8$
Formula weight		488.44
Temperature (K)		296(2)
Wavelength (Å)		0.71073
Crystal system		Triclinic
Space group		P –1
Unit cell dimensions	*a*(Å)	4.7699(3)
	b(Å)	7.0007(5)
	c(Å)	17.3241(13)
	α(°)	99.217(4)
	β(°)	94.411(4)
	γ(°)	95.138(4)
V(Å^3), *Z*		566.28(7), 1
Density (g cm^{-3})		1.432
Crystal size (mm^3)		0.30 x 0.22 x 0.15
Index ranges		–5<=*h*<=6
		–8<=*k*<=8
		–22<=*I*<=22
Total reflections		8814
Mu (mm^{-1})		0.108
R indices (all data)		*R*1 = 0.0478, w*R*2 = 0.110
Final *R* indices [$I>2\sigma(I)$]		*R*1 = 0.097, w*R*2 = 0.130
Goodness–of–fit		0.933
θ range (°)		2.4 to 27.00

Table S2. Specific capacitance values at different voltage scan rates and current densities for CIN–600 sample

Specific capacitance (F g^{-1})									
Scan rates (mV s^{-1})						Current densities (A g^{-1})			
2	10	25	50	100	150	0.250	0.500	1.00	1.50
181	170	158	142	130	122	171	150	133	107

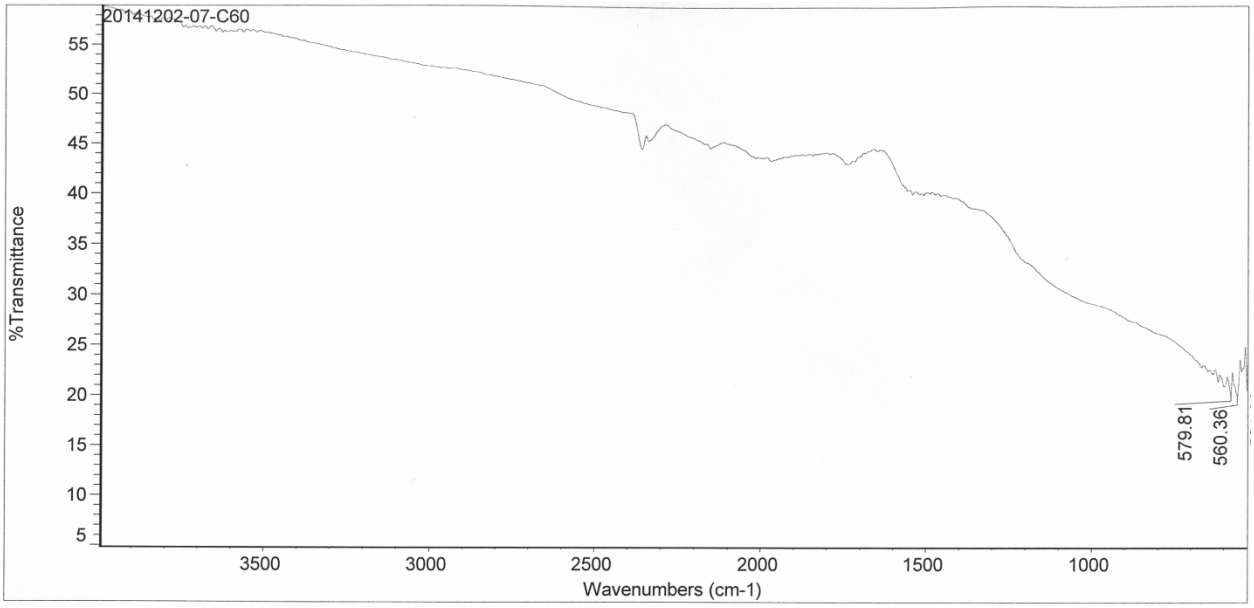

Figure S1. FT–IR spectrum of the CIN–600. Absence of stretching frequencies of main functional groups like carbonyl, nitrile and alcoholic etc suggests the purity of carbon material.