Two-dimensional Asynchronous spectrum with auxiliary cross peaks in probing intermolecular interactions

Xiaopei Li^{a, b, c}, Anqi He^{b, d}, Kun Huang^{a,*}, Huizhou Liu^a, Ying Zhao^e,

Yongju Wei^f, Yizhuang Xu^{b, d*}, Isao Noda^{b,g}, Jinguang Wu^b

- ^a Institute of Process Engineering, Chinese Academy of Sciences, 100190, P. R. China
- ^b Beijing National Laboratory for Molecular Sciences, State Key Laboratory for Rare Earth Materials Chemistry and Applications, College of Chemistry and Molecular Engineering, Peking University, Beijing 100871, P. R. China
- ^c Dalian Polytechnic University, Dalian 116034, P. R. China
- ^d Ninhai Doubly Advanced Martial Co, Ltd., Ninhai, 315602, China
- Institute of Chemistry, Chinese Academy of Sciences, 100190, P. R. China
- ^f College of Chemistry and Material Science, Hebei Normal University, Shijiazhuang, 050016, P.R. China
- ^g Department of Materials Science and Engineering, University of Delaware, Newark, Delaware 19716, United States

Corresponding Authors: xyz@pku.edu.cn, khuang@ipe.ac.cn

Supporting Information

solutions				
Index of	the solutions	(C_{BC} (mol.L ⁻¹)	
	1		0.00	
	2		0.11	
	3		0.22	
	4		0.30	
0.4]			
0.3	-			
sorbance				
년 0.1				
0.0				
	0.0 0.1	0.2 0.3	0.4	
CBenzo-15-crown-5 (mol/L)				

TABLE S1 Concentrations of benzo-15-crown-5 in the methanol

Figure S1 The absorbance of the vibration band of skeleton of the aromatic ring of benzo-15-crown-5 as a function of the concentration of benzo-15-crown-5, Good linear relationship between the absorbance and concentration of benzo-15-crown-5 was observed