

Supporting Information

**Synergistic effect of copolymeric resin
grafted 1,2-benzisothiazol-3(2H)-one and
heterocyclic groups as marine antifouling
coating**

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Yang^{*a,b}

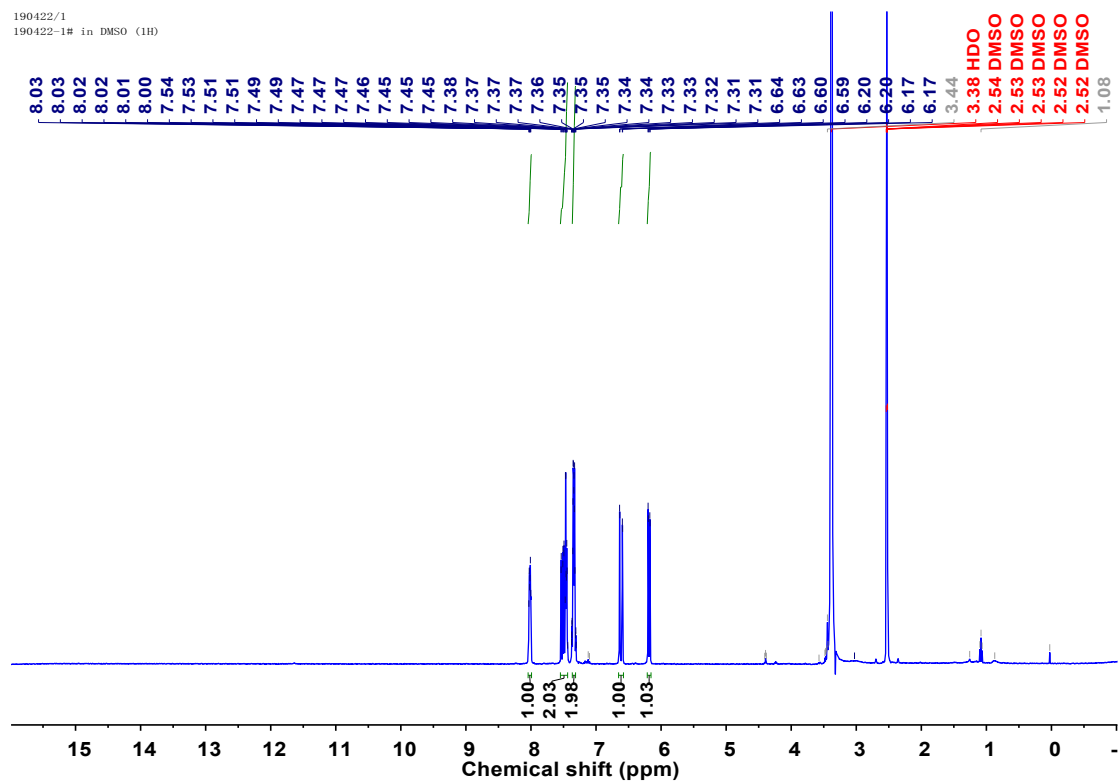
a. Key Laboratory of Green Catalysis and Reaction Engineering of Haikou;

College of Science, Hainan University, Haikou 570228, P. R. China.

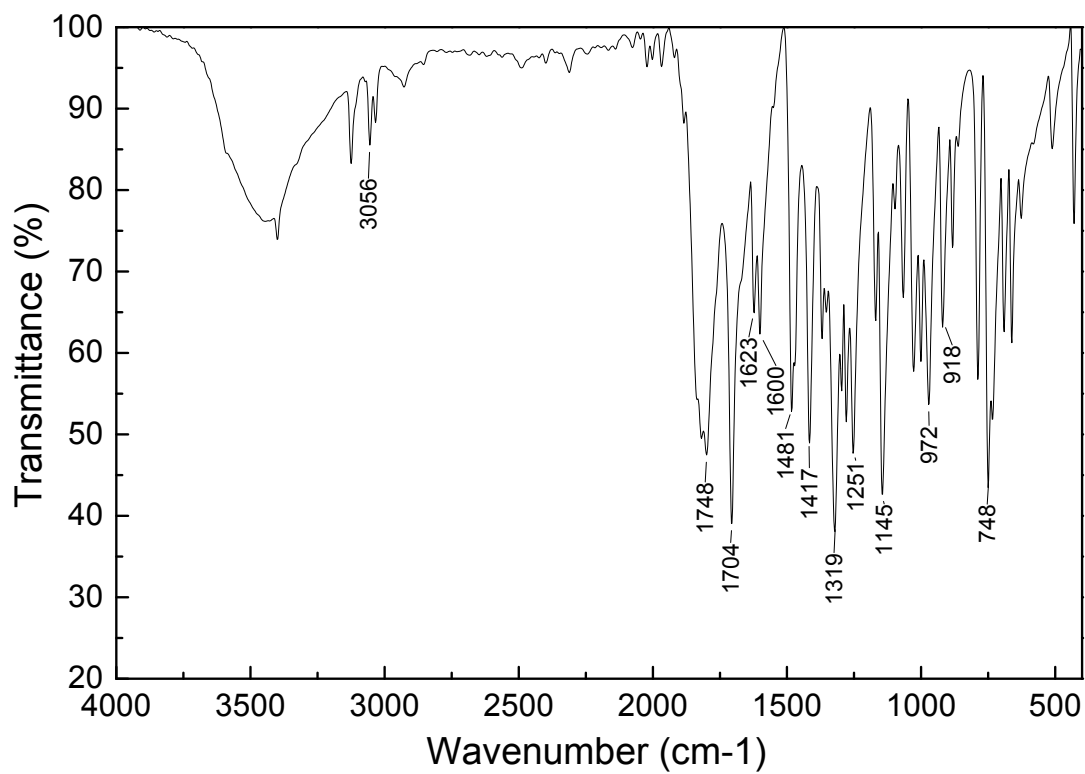
b. Hainan Provincial Fine Chemical Engineering Research Center, Hainan

University, Haikou, 570228, P. R. China.

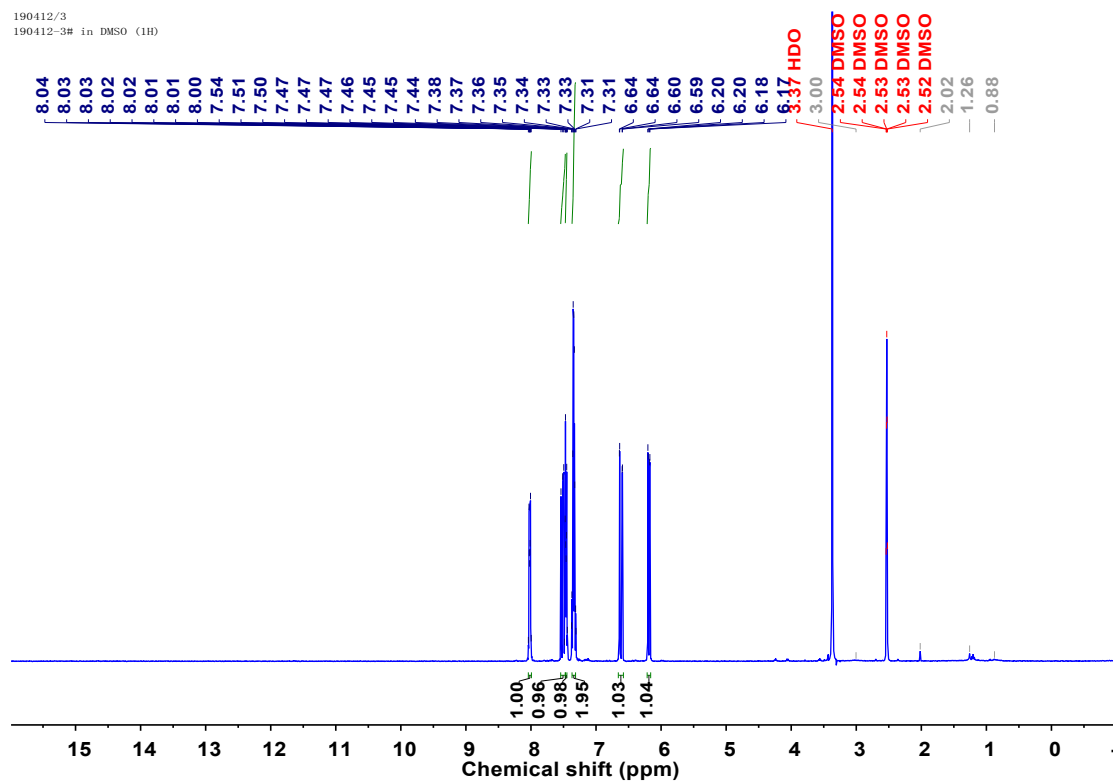
^1H NMR (400 MHz, DMSO- d_6) for 2-Acryloylbenzoxazole (HMR₁)



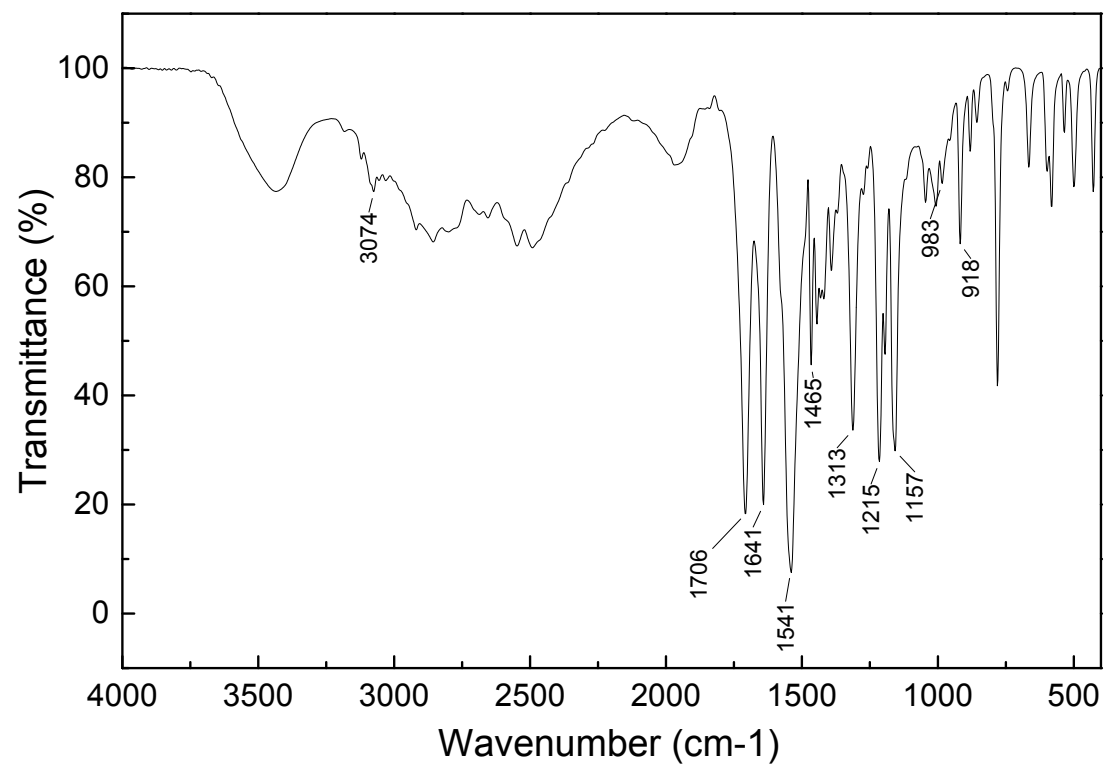
IR for 2-Acryloylbenzoxazole (HMR₁)



^1H NMR (400 MHz, DMSO- d_6) for 2-Acryloxy pyridine (HMR_2)

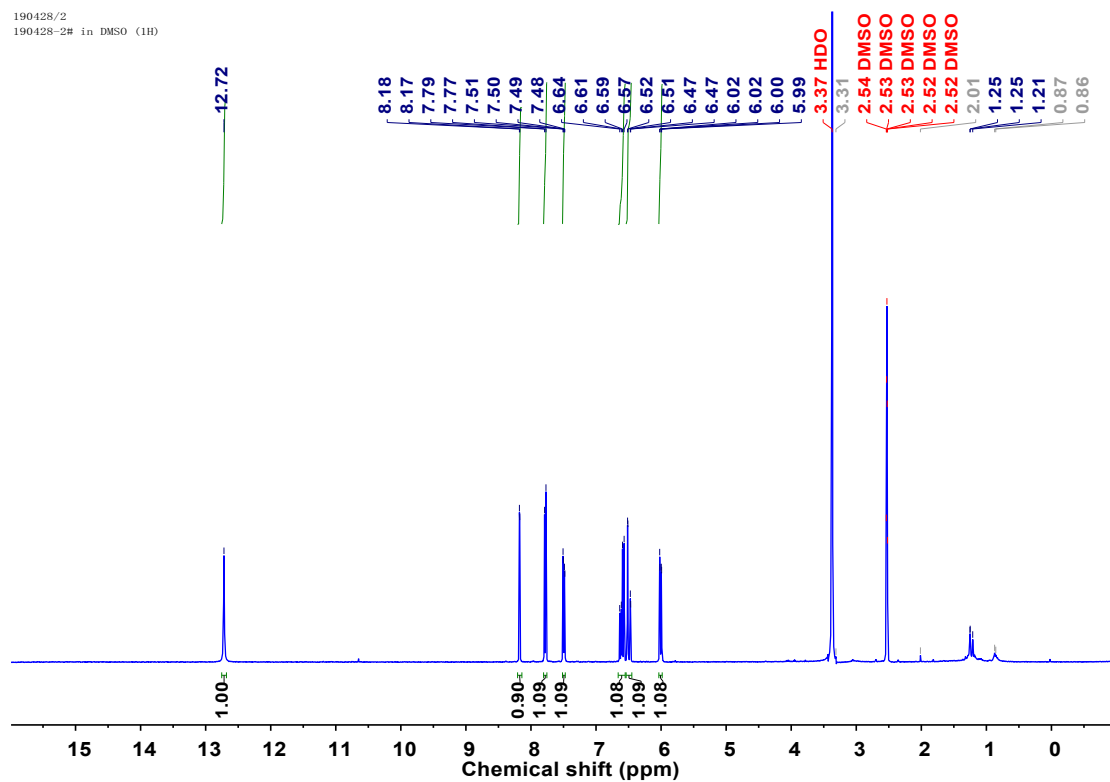


IR for 2-Acryloxy pyridine (HMR_2)

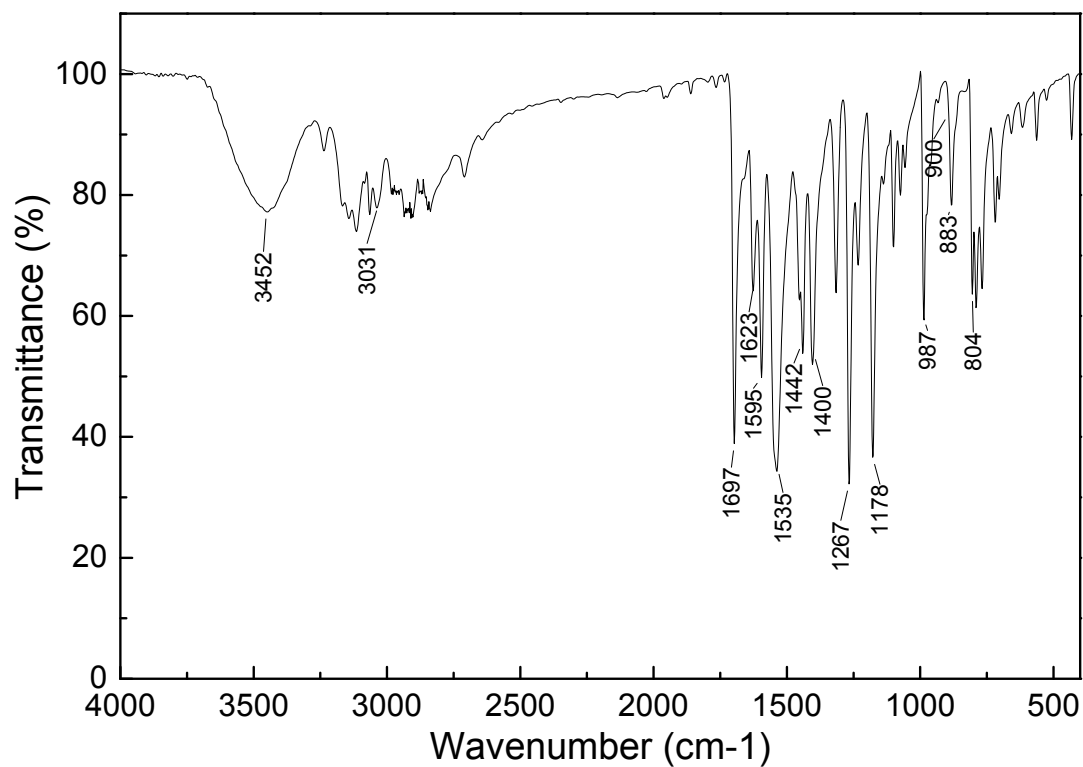


^1H NMR (400 MHz, DMSO- d_6) for 2-Acrylamide-6-chlorobenzothiazole (HMR₃)

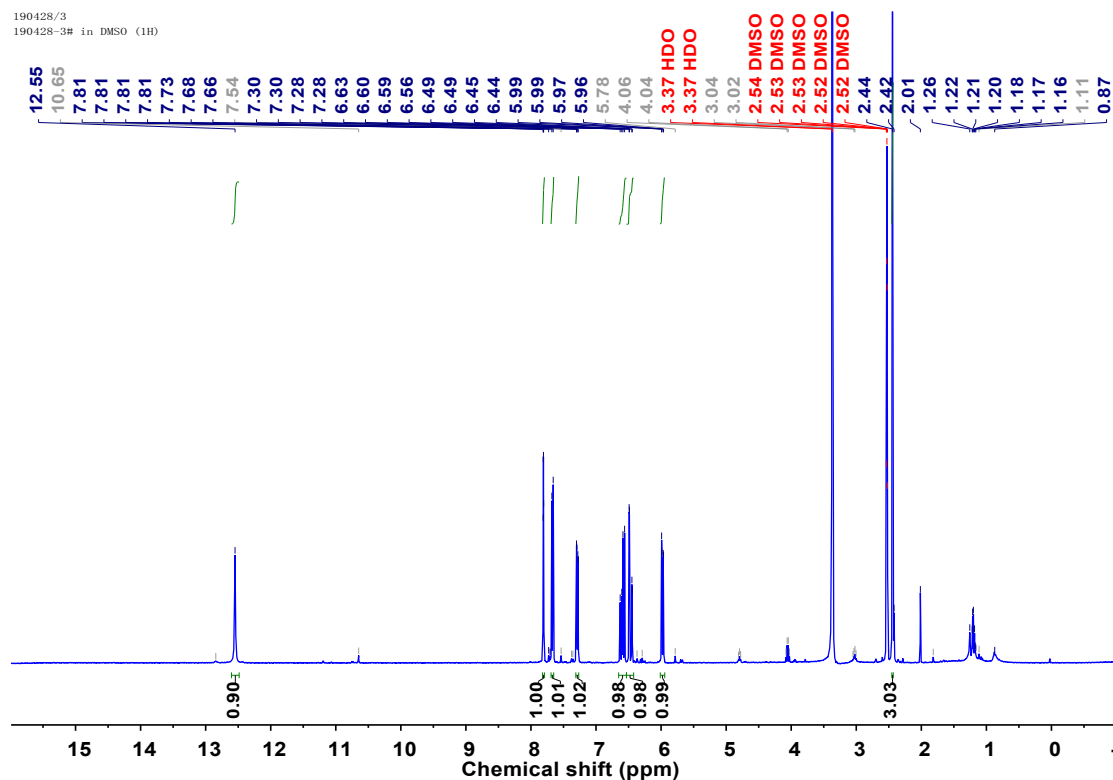
190428/2
190428-2# in DMSO (1H)



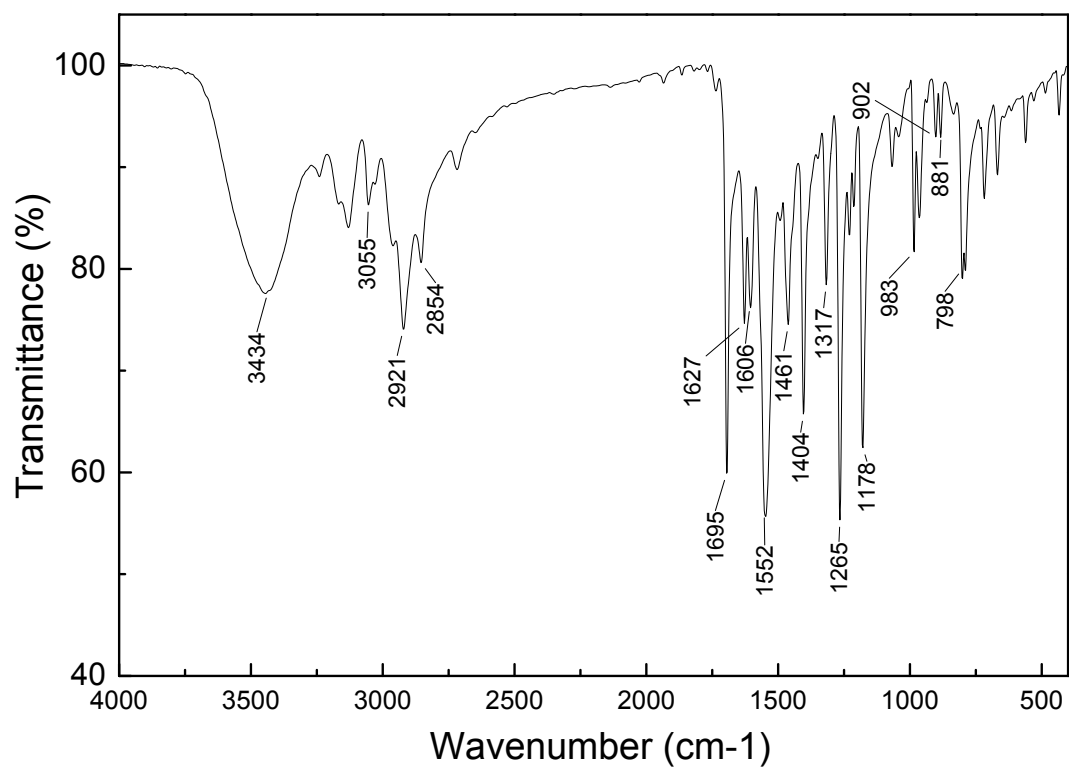
IR for 2-Acrylamide-6-chlorobenzothiazole (HMR₃)



^1H NMR (400 MHz, $\text{DMSO-}d_6$) for 2-Acrylamide-6-methylbenzothiazole (HMR_4)

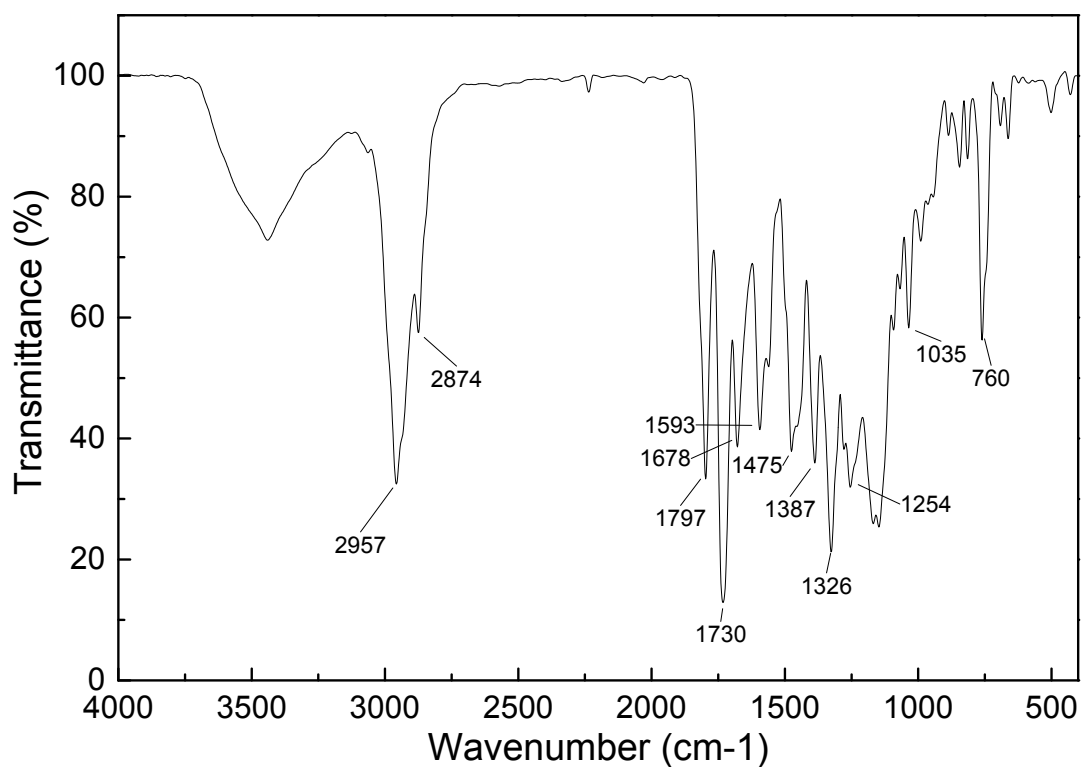


IR for 2-Acrylamide-6-methylbenzothiazole (HMR_4)

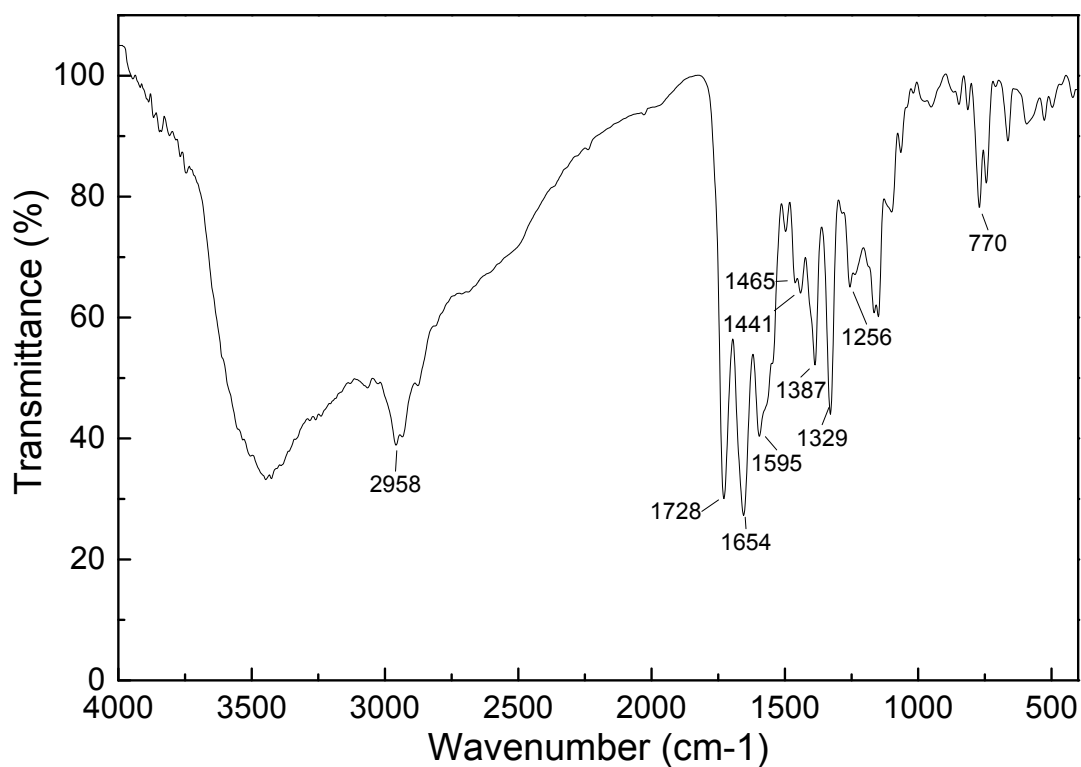


IR spectra of copolymer PBH:

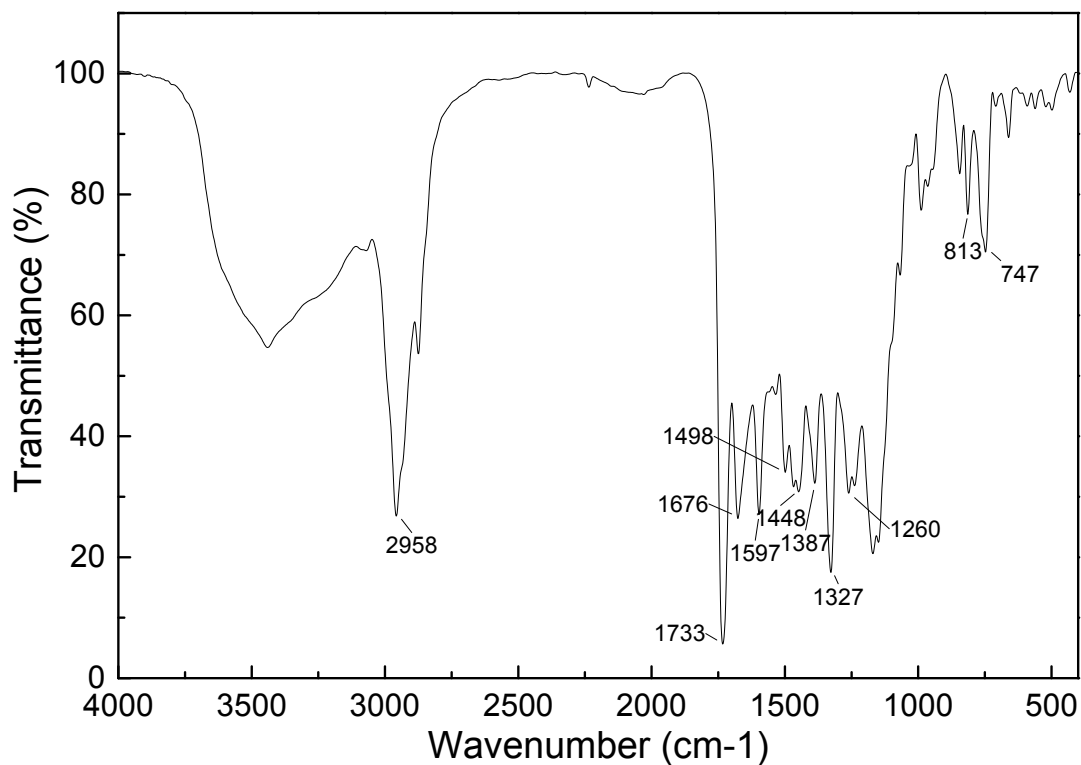
IR for copolymer PBH5



IR for copolymer PBH6



IR for copolymer PBH7



IR for copolymer PBH8

