

Fig S1. The N₂-sorption isotherm of MCM-41 at 77 K

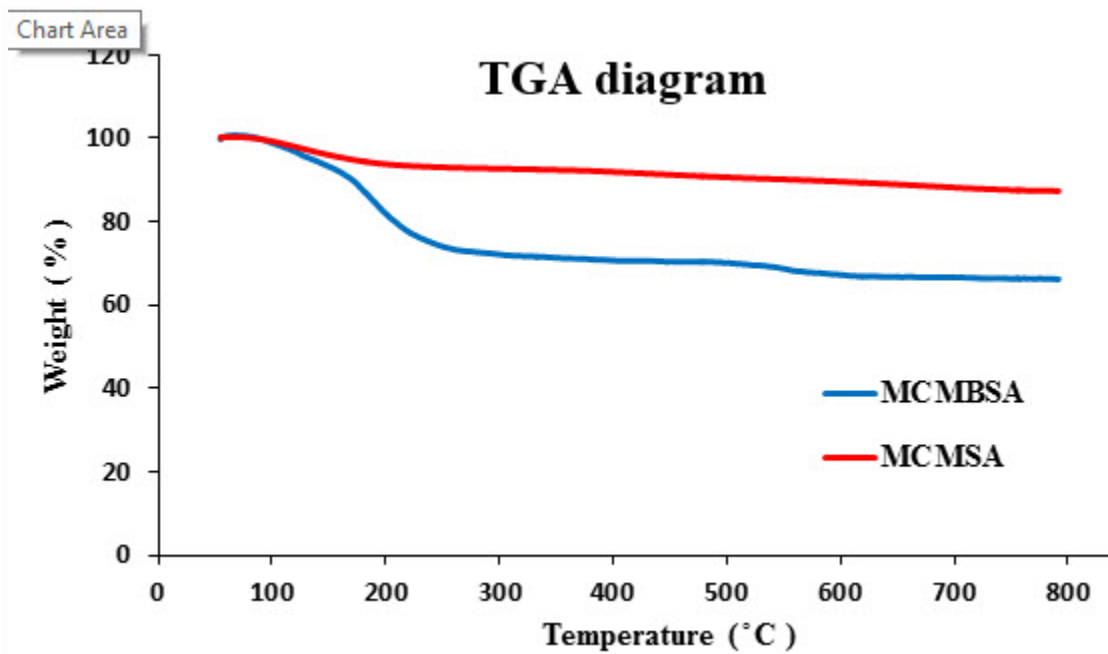


Fig. S2. The TG-profile of MCMBSA and MCMSA catalysts

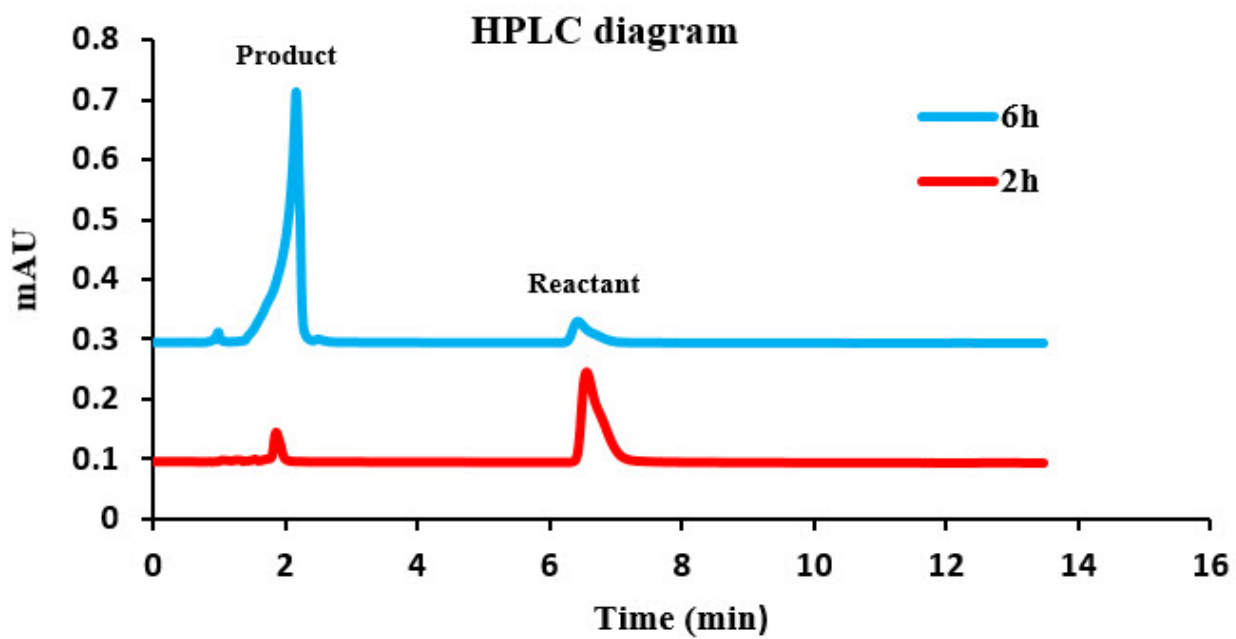
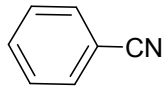
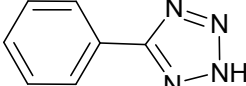

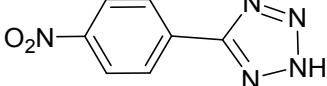
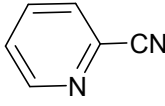
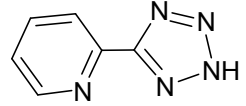
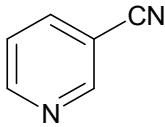
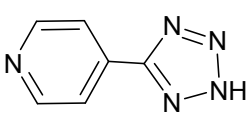
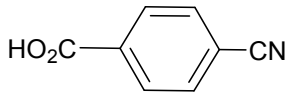
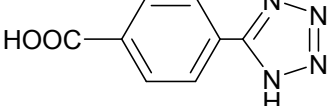
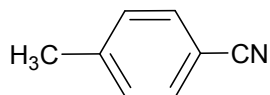
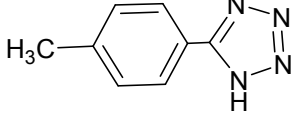
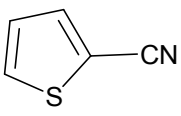
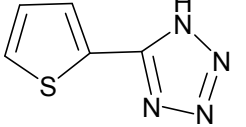
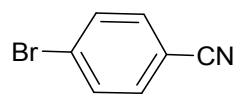
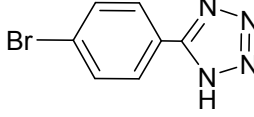
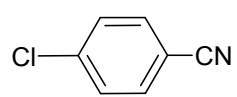
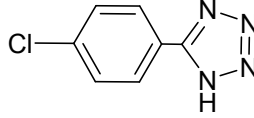
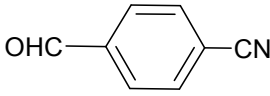
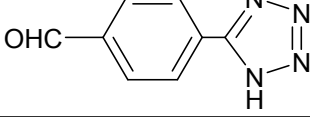


Figure S3. HPLC chromatogram of reaction benzonitril and sodium azide at diffrents times.

Table S1Preparation of tetrazole derivatives under optimized condition using **MCMBSA** catalyst

Reactant	Product	Time (h)	Yield %
		10	83
		12	82
		12	70
		14	70
		16	65
		20	75
		12	83
		14	85
		14	75
		12	75