

Supporting Information

An enzyme-mediated in situ hydrogel based on polyaspartamide derivatives for localized drug delivery and 3D scaffolds

Xu Cheng, Jia Liu, Lei Wang, Ruoli Wang, Zhilan Liu*, Renxi Zhuo

Correspondence author: Zhilan Liu (E-mail address: liuzl@whu.edu.cn)

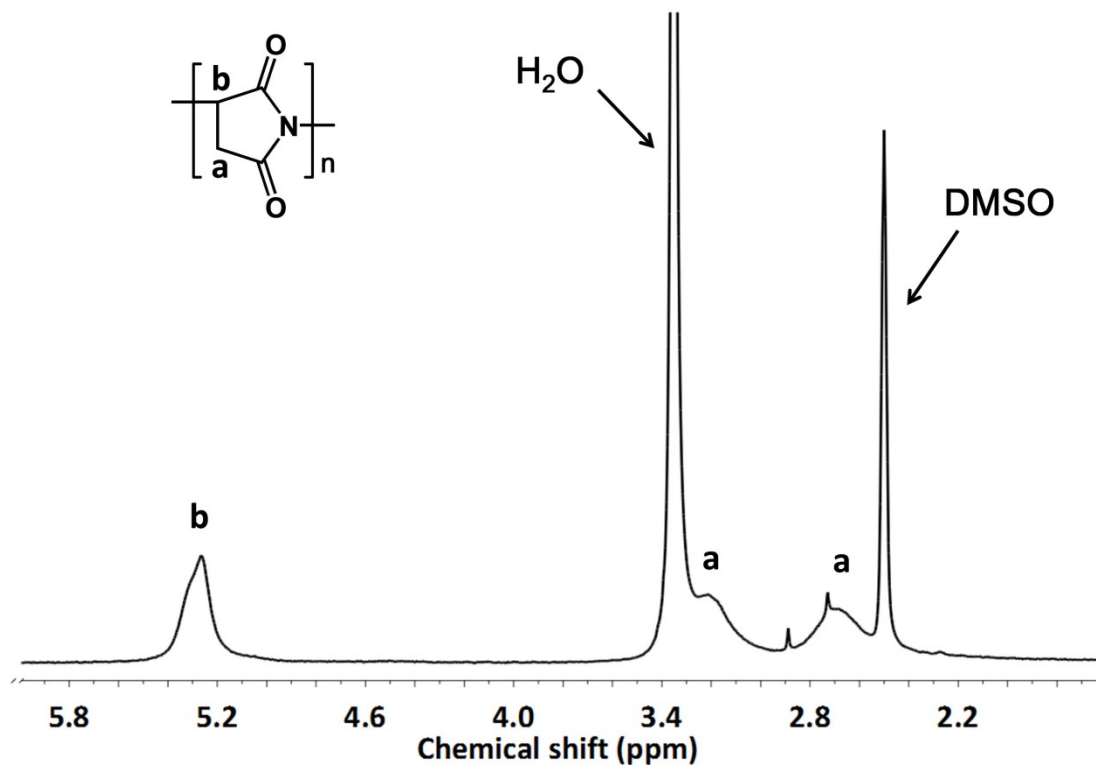


Fig S1 ¹H NMR spectrum of PSI in DMSO-d₆

Table S1 Formulas of Hydrogels

sample	PASP-TA/AP (wt%)	H ₂ O ₂ (mM)	HRP (mg/mL)
Gel 1-1-1	4.1	4.41	0.003
Gel 1-1-2	4.1	4.41	0.016
Gel 1-1-3	4.1	4.41	0.032
Gel 1-1-4	4.1	4.41	0.048
Gel 1-1-5	4.1	4.41	0.064
Gel 1-1-6	4.1	4.41	0.080
Gel 1-1-7	4.1	4.41	0.096
Gel 1-2-1	4.1	29.41	0.016
Gel 1-2-2	4.1	29.41	0.032
Gel 1-2-3	4.1	29.41	0.048
Gel 1-2-4	4.1	29.41	0.064
Gel 1-2-5	4.1	29.41	0.080
Gel 1-2-6	4.1	29.41	0.096
Gel 1-3-1	4.1	58.82	0.016

Gel 1-3-2	4.1	58.82	0.032
Gel 1-3-3	4.1	58.82	0.048
Gel 1-3-4	4.1	58.82	0.064
Gel 1-3-5	4.1	58.82	0.080
Gel 1-3-6	4.1	58.82	0.096
Gel 1-4-1	4.1	88.23	0.032
Gel 1-4-2	4.1	88.23	0.064
Gel 1-4-3	4.1	88.23	0.096
Gel 1-5-1	4.1	141.11	0.064
Gel 2-1-1	16.7	29.41	0.032
Gel 2-2-1	16.7	58.82	0.048
Gel 2-2-2	16.7	58.82	0.064
Gel 2-2-3	16.7	58.82	0.080
Gel 2-2-4	16.7	58.82	0.096
Gel 2-3-1	16.7	88.23	0.064
Gel 2-4-1	16.7	141.11	0.016
Gel 2-4-2	16.7	141.11	0.032
Gel 2-4-3	16.7	141.11	0.064