

Strategy to Design a Smart Photocleavable and pH Sensitive Chitosan Based Hydrogel Through a Novel Crosslinker: A Potential Vehicle for Controlled Drug Delivery

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Supplementary Information

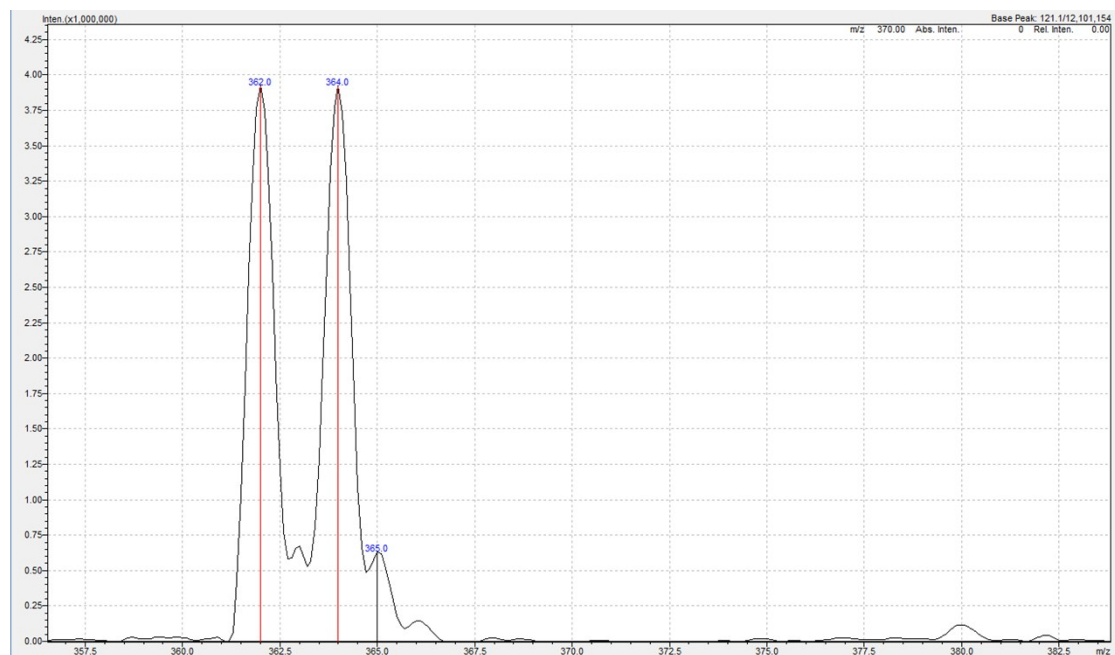


Fig. S1. LCMS spectrum of CHO-ONB-Br

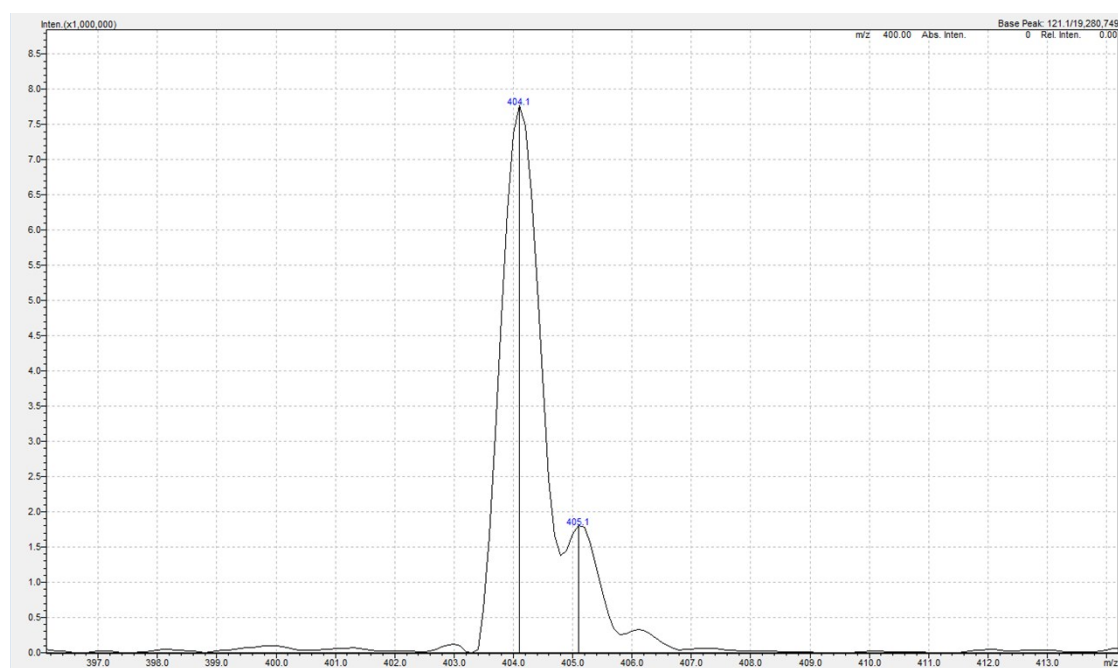


Fig. S2. LCMS spectrum of CHO-ONB-CHO

LCMS data was analyzed on Shimadzu, LCMS 8045 and the samples were dissolved in THF (1 mgml^{-1}). UV spot light source was used.

The LCMS data for -CHO-ONB-Br depicted the presence of characteristic bromine isotopic peaks³⁶ at 364 and 362 of equal intensity and the peaks for -CHO-ONB-CHO was confirmed at M/z 404.1, 405.1.