

Supporting Data for

Dynamic Interchanging Native States of Lymphotoctin Examined
by SNAPP-MS

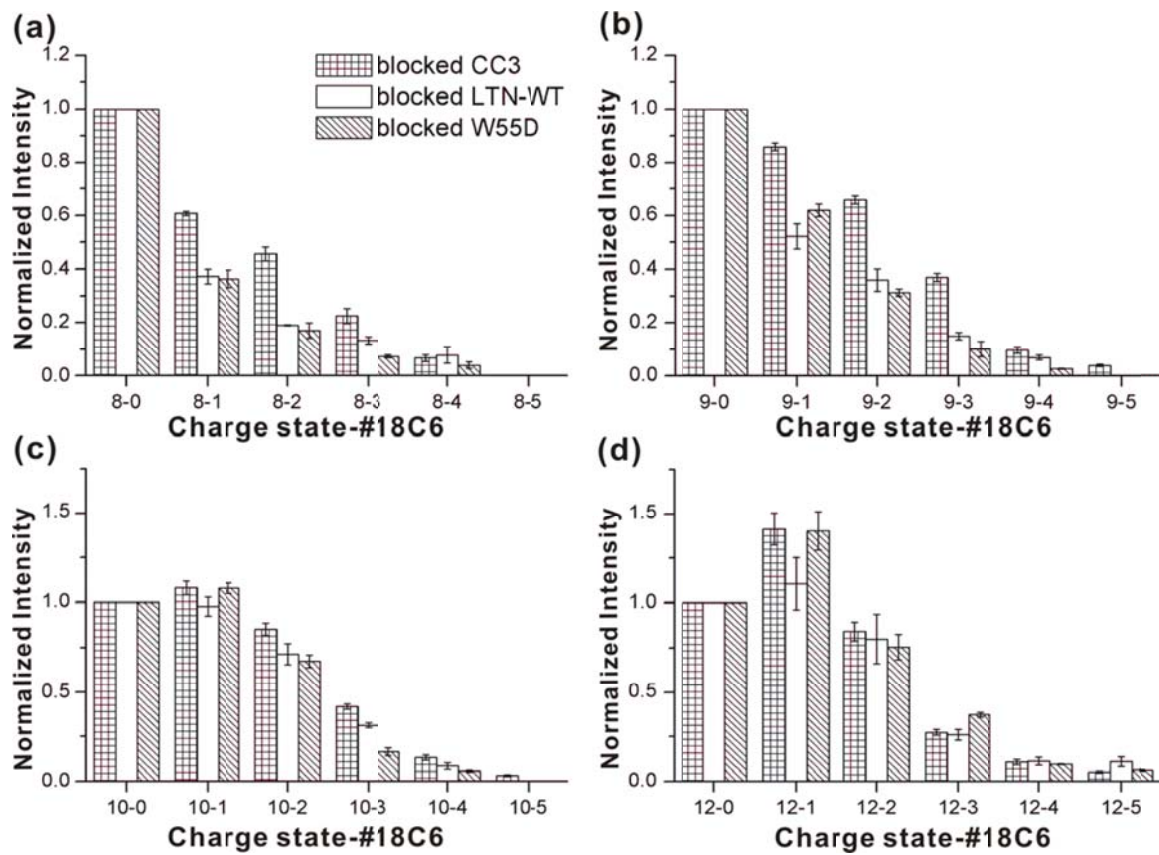


Figure S1. SNAPP distributions for three variants of blocked Lymphotoctin sampled from water

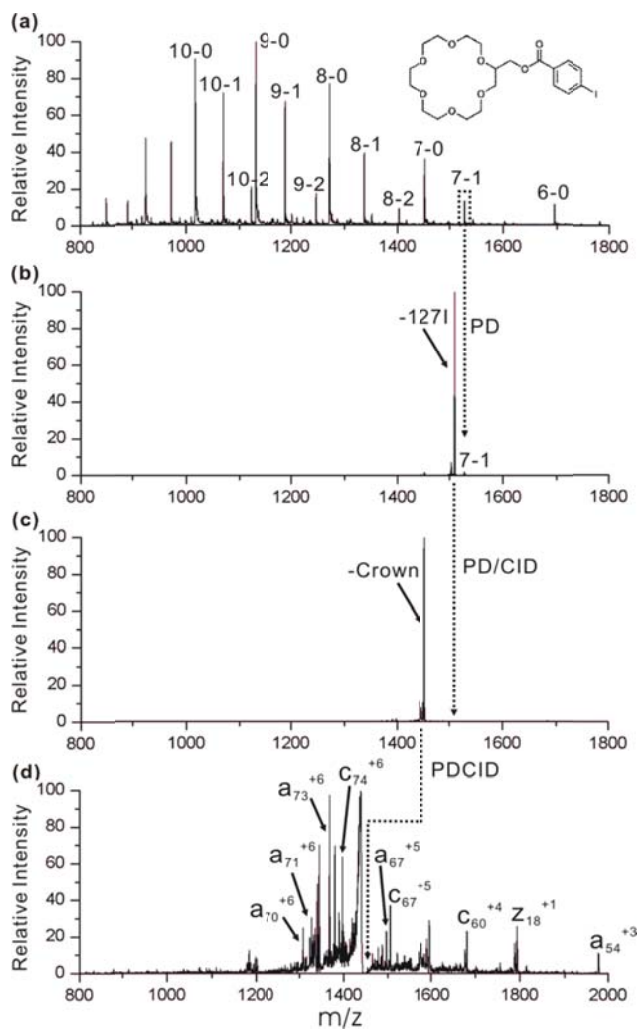


Figure S2. Data acquisition procedure for RDD experiments examining gas phase structure.

S2a: Full MS distribution of Ltn-wt-IBA18C6 adduct

S2b: PD of [Ltn-wt+IBA18C6]⁺⁷

S2c: PD/CID of [Ltn-wt+IBA18C6-127I•]⁺⁷

S2d: PD/CID of [Ltn-wt•]⁺⁷

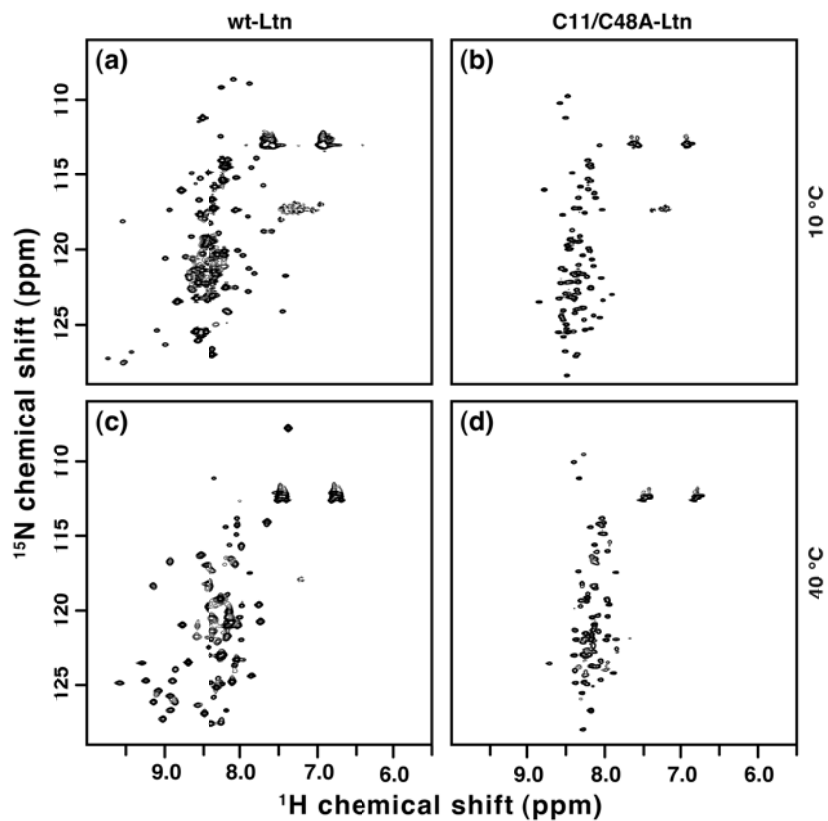


Figure S3. Alanine mutation of the Ltn disulfide bond unfolds Ltn. ^1H - ^{15}N HSQC spectra of wild-type and C11A/C48A-Ltn acquired at 10 and 40 °C. All spectra were acquired in 20 mM sodium phosphate at pH 6.0.