

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Analytical gel filtration experiments for SARS-CoV-2 M^{pro} wild-type and variants as-isolated, reduced, oxidized and re-reduced.

File Name: Supplementary Data 2

Description: Far-UV CD (Circular Dichroism) spectra for SARS-CoV-2 M^{pro} wild-type and variants in the reduced and oxidized forms before and after thermal unfolding.

File Name: Supplementary Data 3

Description: Far-UV CD-based thermal unfolding experiments for SARS-CoV-2 M^{pro} wildtype and variants in the reduced and oxidized form.

File Name: Supplementary Data 4

Description: Bifunctional crosslinkers tested to inhibit SARS-CoV-2 M^{pro} wild-type and their impact on the oligomeric equilibrium of M^{pro}.