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Supplemental Information

Cell-Penetrant, Nanomolar O-GlcNAcase Inhibitors

Selective against Lysosomal Hexosaminidases

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Supplementary information

Supplementare Figure S1

Thumbnail images of immunostained HEK293 cells treated with series concentration of GlcNAcstatin G and H as indicated (0.03 nM to 3 μ M). Immunostaining using an *O*-GlcNAc antibody (RL2) shows an elevation of total *O*-GlcNAc modification (Top) which correlates with the increased concentrations of the inhibitors. The data were collected from experiments carried out in quadruplicate and normalized with DAPI stain (Bottom). Nine frames were shot from each well. The EC₅₀ values of GlcNAcstatin G and H were determined and zoom in images at select concentrations are shown in Fig. 3B.

