

Broad-Range Antiviral Activity of Hydrogen Sulfide Against Highly Pathogenic RNA Viruses

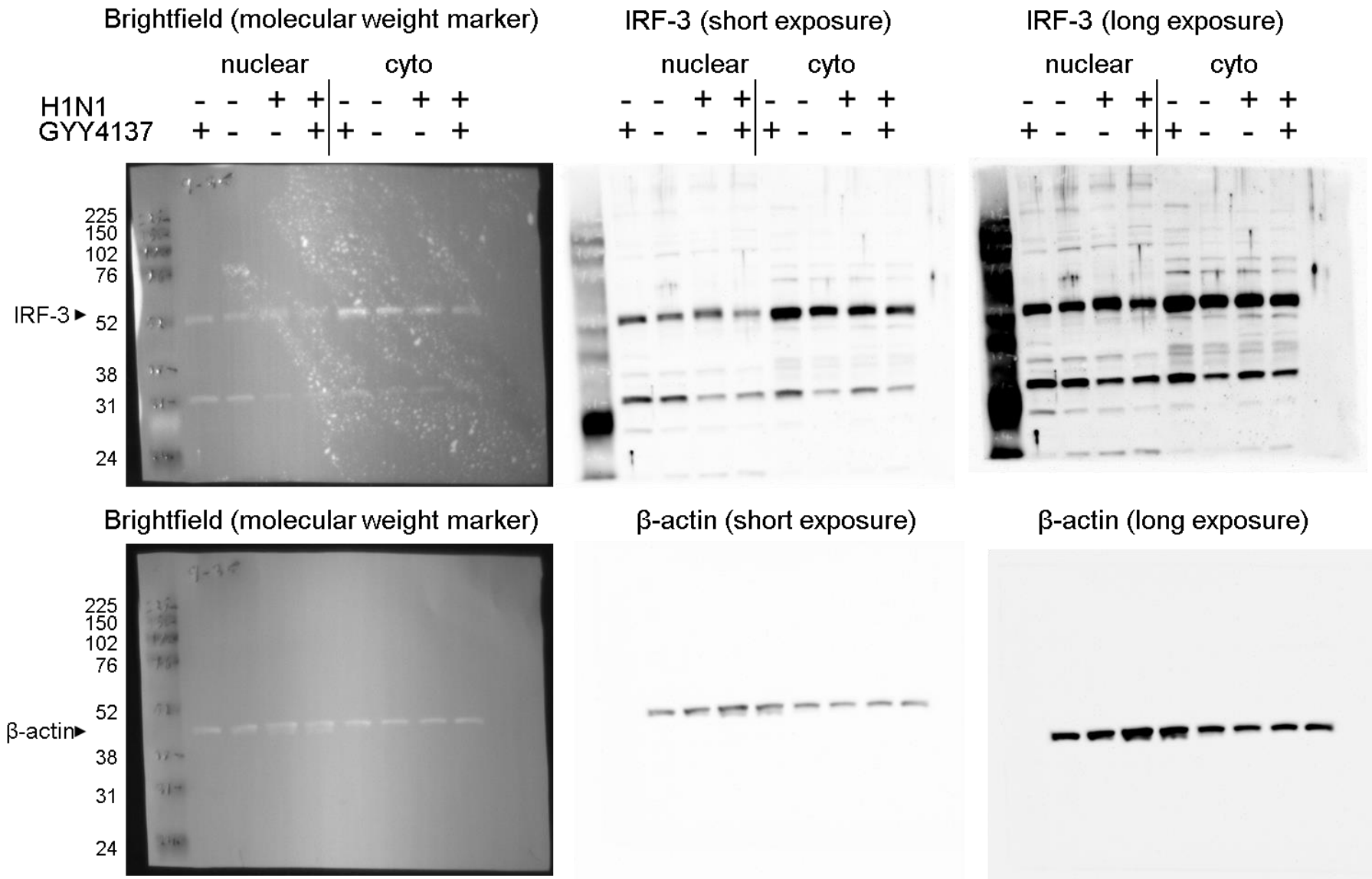
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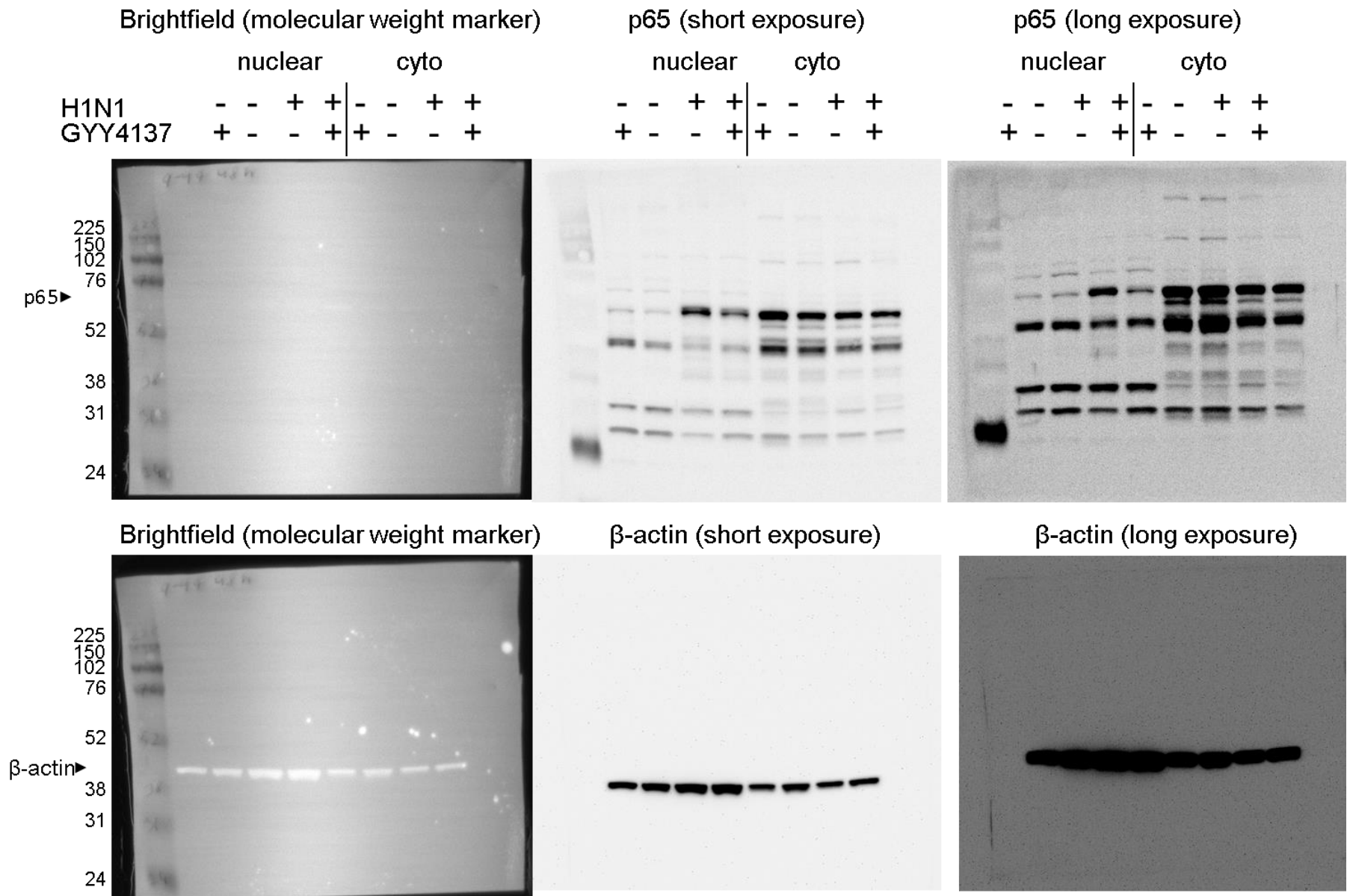
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Supplementary figure 1. GYY4137 inhibits activation of IRF-3.



Supplementary figure 1. GYY4137 inhibits activation of IRF-3. Confluent monolayers of A549 cells were infected with H1N1 at MOI of 1 and treated with 10 mM GYY4137 at 1h p.i. Cells were collected at 48h p.i. for nuclear and cytoplasmic protein extraction. Western Blot assays were performed using 25 µg of protein per lane of nuclear fraction. Membranes were probed with rabbit polyclonal anti-IRF3 antibody. Membranes were stripped and reprobed with anti-human β-actin antibody for loading control. Full lengths of the membranes corresponding to the cropped out bands on **Fig 6a** are shown.

Supplementary figure 2. GYY4137 inhibits activation of NF-κB.



Supplementary figure 2. GYY4137 inhibits activation of NF- κ B. Confluent monolayers of A549 cells were infected with H1N1 at MOI of 1 and treated with 10 mM GYY4137 at 1h p.i. Cells were collected at 48h p.i. for nuclear and cytoplasmic protein extraction. Western Blot assays were performed using 25 μ g of protein per lane of nuclear fraction. Membranes were probed with rabbit polyclonal anti-p65 antibody. Membranes were stripped and reprobed with anti-human β -actin antibody for loading control. Full lengths of the membranes corresponding to the cropped out bands on **Fig 6b** are shown