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secondary, and subsequent fluorescence microscopy screens are summarized in Supplementary Figure 1. Based on the structural information of compound FA-1, four structurally similar analogs (Fig. 1a) obtained from commercial sources were shown to have EC_{50} against influenza A/WSN/33 virus at submicromolar levels in PRA. We selected compound FA-4 (nucleozin) for further characterization based on its better solubility in aqueous solutions (unpublished observations) and potent antiviral activities.



virus replication in vitro with a nanomolar median effective concentration (ECs₂₀) and protected mice challenged with lethal doses of avian influenza A H5N1. Our results demonstrate that viral NP is a valid target for the development

of small-molecule therapies

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