# A nanoBRET-based H₃R conformational biosensor to study real-time H₃ receptor pharmacology in cell membranes and living cells.

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Supplementary information
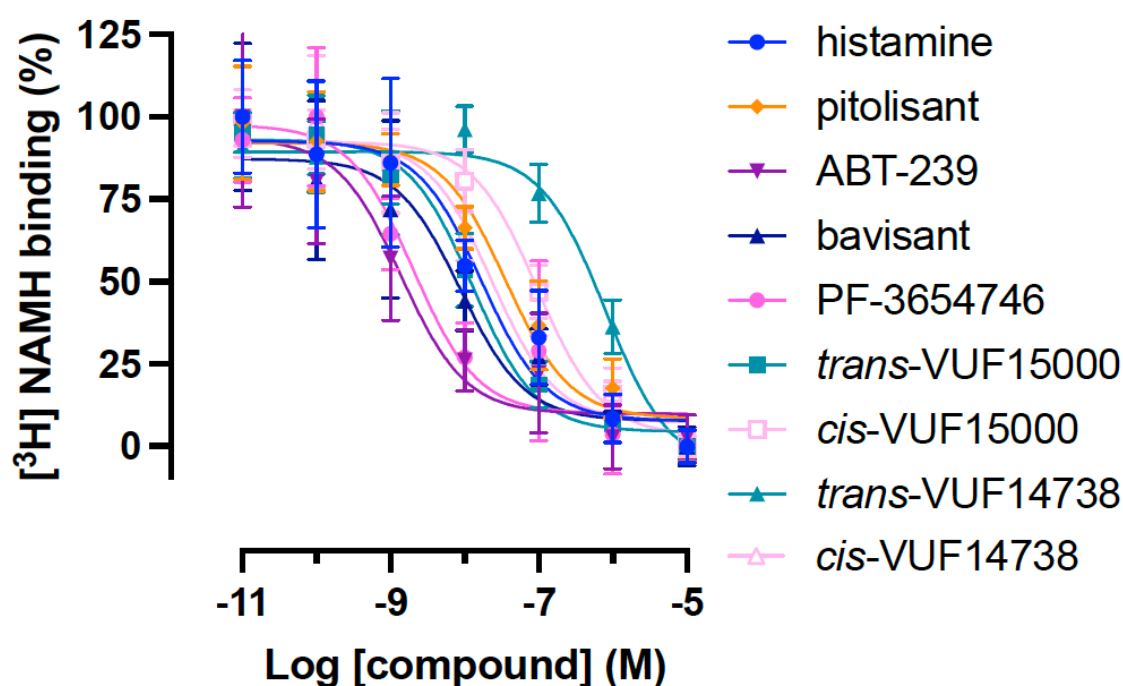
Figure S1. Competition binding of 2 nM [^{3}H]NAMH with increasing concentrations ligands to Δicl3-H₃R$_{Nluc/Halo(618)}$ biosensor-expressing membranes. Data are displayed as mean ± SD from at least 3 independent experiments performed in triplicate.

Table S1. Binding affinity (pK$_i$) of H₃R photoswitchable compounds for the WT H₃R as determined in competition binding with [^{3}H]NAMH. Data represent the mean ± SD of (n) experiments.

Ligand	WT H₃R
trans-VUF15000	8.2 ± 0.0 (3)
cis-VUF15000	7.4 ± 0.1 (3)
trans-VUF14738	6.5 ± 0.1 (3)
cis-VUF14738	7.3 ± 0.1 (3)