**Figure 4–figure supplement 1**

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**Chemical structures of allosteric and orthosteric ligands to the M2 muscarinic receptor.** The ligands shown are: NMS, *N*-methylscopolamine; QNB, quinuclidinylbenzilate; Str, strychnine; and Gal, gallamine. Different liganded states of the receptor are identified as X\_R\_Y, where X and Y are the allosteric and orthosteric ligands, respectively. Occupancy is represented as O for a vacant site or as Str, Gal, NMS, or QNB for a ligand-occupied site.