



FIGURE 19.6 Examples of dimeric or bivalent opioid receptor ligands. Structure **19.1** is a homodimeric ligand linking two identical analogs of naltrexone (green). Structure **19.2** represents heterodimeric ligands linking an analog of MOR agonist oxymorphone (red) with analogs (blue) of either DOR antagonist NTI (**A**), cannabinoid receptor CB₁ inverse agonist Rimonabant (**B**), or metabotropic glutamate receptor mGluR5 antagonist M-MPEP (**C**).