

The structure of bradykinin bound to the human GPCR bradykinin-2 as determined by solid-state NMR

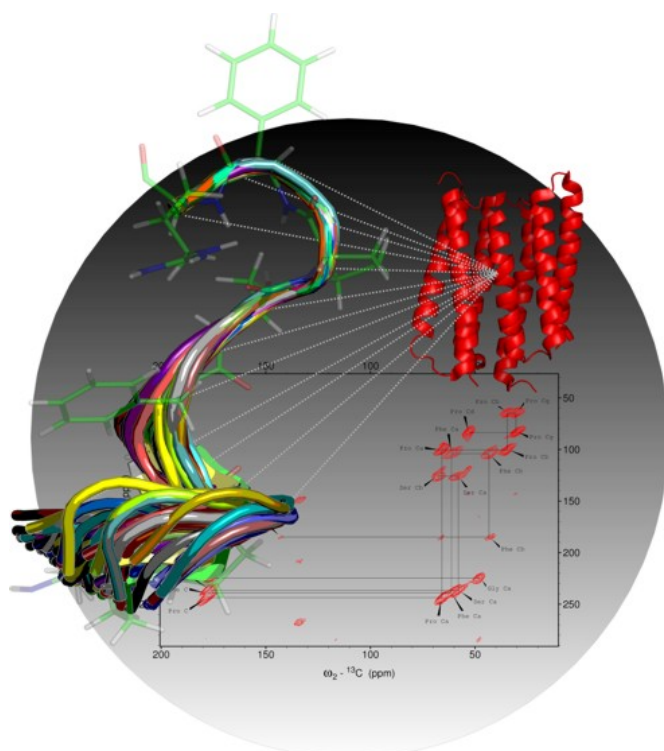
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Triggering the Signal: The structure of a hormone whilst bound to its human GPCR



The structure of the neuropeptide bradykinin bound to the human G-protein coupled bradykinin subtype 2 receptor has been determined by solid state NMR. Its elongated conformation comprises an alpha-helical turn at the N-terminus and a beta-turn at the C-terminus. This structure offers, for the first time, an experimental template for tailored drug design for a human GPCR.