ABSTRACT

NeuropeptideY(NPY)isa36-aminoacidmemberofN hypothalamusanditsexpressionalsoinadiposetis hormonewithcentralandperipheraleffectswhichl alsooneofthemostsignificantorexigenichormone Y2andY5foritsfoodintakeregulation;owingto drugs,theligandsofthesereceptors(Y1RandY5R targetingmoleculesforanewtherapeuticstrategy ThisworkisfocusedonthecharacteristicofNPYa NPY-baseddrugsforobesitytreatment.

PYfamily.Itsbiosynthesisoccursinthe suewasdescribedin2007.NPYisanubiquitous eadtothemaintenanceofhomeostasis;NPYis s.NPYutilizesG-proteincoupledreceptorsY1, serioussideeffectsofcurrentlyusedanti-obesity antagonistsandY2Ragonists)areconsideredas forobesitytreatment. sanorexigenicagentandthepossibilityofusing