Tyr-W-MIF-1 is a neuromodulatory peptide of the MIF-1 family that acts as an antagonist at μ2-opioid receptors (μORs). When given alone, Tyr-W-MIF-1 induces mixed, dose-dependent effects on μORs; Tyr-W-MIF-1 inhibits the analgesic and antinociceptive activities of opioids when co-administered. This peptide inhibits stress-induced secretion of adrenocorticotropic hormone (ACTH) and corticosterone. Tyr-W-MIF-1 may also modulate reward processing through its activities at opioid receptors, as it induces conditioned place preference in animal models when delivered alone.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.