

Disclosed herein are calcitonin mimetics that are acylated at a lysine residue located at the (11) position or (19) position of the calcitonin mimetic, and the use thereof as medicaments in the treatment of various diseases and disorders, including diabetes, excess bodyweight, excessive food consumption and metabolic syndrome, NASH, alcoholic and non-alcoholic fatty liver disease, the regulation of blood glucose levels, the regulation of response to glucose tolerance tests, the regulation of food intake, and the treatment of osteoporosis and the treatment of osteoarthritis.