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Structure-based development of an osteoprotegerin-like glycopeptide that blocks RANKL/RANK interactions and reduces ovariectomy-induced bone loss in mice

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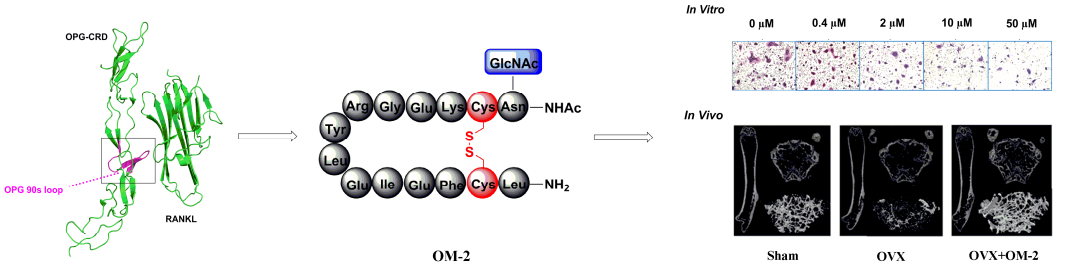
Graph Abstract



Crystal structure-based develpment of osteoprotegerin-like peptide mimics

Chemical structure optimization and biological screen to obtain glycopeptide OM-2

In Vitro dose-dependent assay and *In Vivo* biological test to comfirm the inhibitory activity of OM-2