

Title (en)  
BONE ANTI-RESORPTIVE COMPOUNDS

Title (de)  
ANTIRESORPTIONSVERBINDUNGEN DES KNOCHENS

Title (fr)  
COMPOSES AGISSANT CONTRE LA RESORPTION OSSEUSE

Publication  
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Application  
**EP 02782164 A 20021015**

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Abstract (en)  
[origin: WO03033664A2] The present invention relates to polypeptides that bind to RANK and comprise amino acid sequences of RANKL external surface loops. The invention also relates to fragments, analogs, and derivatives of such polypeptides. The present invention further relates to compositions comprising the polypeptides described herein. Also included are methods for inhibiting osteoclast differentiation, methods for inhibiting bone resorption, and methods for competitively inhibiting RANKL activity. The invention also provides methods for treating diseases or conditions which are at least partially characterized by loss of bone mass.

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**C12N 1/00**

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