

## Title (en)

MODULATORS OF RECEPTORS FOR PARATHYROID HORMONE AND PARATHYROID HORMONE-RELATED PROTEIN

## Title (de)

MODULATOREN VON REZEPTOREN FÜR NEBENSCHILDDRÜSENHORMON- UND NEBENSCHILDSRÜSENHORMONBEZOGENE PROTEINE

## Title (fr)

MODULATEURS DE RECEPTEURS DE L'HORMONE PARATHYROÏDE ET DE LA PROTEINE LIÉE À L'HORMONE PARATHYROÏDE

## Publication

**EP 1567178 A4 20090715 (EN)**

## Application

**EP 02793926 A 20021101**

## Priority

US 0236419 W 20021101

## Abstract (en)

[origin: WO2004060386A1] The present invention concerns therapeutic agents that modulate the activity of PTH and PTHrP. In accordance with the present invention, modulators of PTH and PTHrP comprise: (a) a PTH/PTHrP modulating domain; and (b) a vehicle, such as a polymer (e.g., PEG or dextran) or an Fc domain, which is preferred; wherein the vehicle is covalently attached, to the C-terminus of the PTH/PTHrP modulating domain or through a sidechain at any residue from residue 14 through the C-terminal residue. The vehicle and the PTH/PTHrP modulating domain may be linked through the N- or C terminus of the PTH/PTHrP modulating domain, as described further below. The preferred vehicle is PEG. Preferred PTH/PTHrP modulating domains comprise the PTH and PTHrP-derived amino acid sequences described hereinafter. Other PTH/PTHrP modulating domains can be generated by phage display, RNA-peptide screening and the other techniques mentioned herein. Such peptides typically will be modulators of both PTH activity and PTHrP activity, although such techniques can be used to generate peptide sequences that serve as selective modulators (e.g., agonists of PTH activity but not PTHrP activity).

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## Citation (search report)

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- [X] KINSTLER O ET AL: "Mono-N-terminal poly(ethylene glycol)-protein conjugates", ADVANCED DRUG DELIVERY REVIEWS 20020617 NL, vol. 54, no. 4, 17 June 2002 (2002-06-17), pages 477 - 485, XP002530194, ISSN: 0169-409X
- See also references of WO 2004060386A1

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