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(71) Applicant *(for all designated States except US)*: **CARA THERAPEUTICS, INC.** [US/US]; 1 Parrott Drive, Shelton, CT 06484 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **SCHTEINGART, Claudio, D.** [US/US]; 6912 Fisk Avenue, San Diego, CA 92122 (US). **MENZAGHI, Frederique** [US/US]; 55 Meadow Place, Rye, NY 10580 (US). **JIANG, Guangcheng** [US/US]; 13330 Kibbings Road, San Diego, CA 92130 (US). **ALEXANDER, Roberta, Vezza** [US/US]; 12578 Caminito Mira Del Mar, San Diego, CA 92130 (US). **SUEIRAS-DIAZ, Javier** [ES/US]; 8526 Villa La Jolla Drive, Apt #138, La Jolla, CA 92037 (US). **SPENCER, Robert, H.** [US/US]; 6908 Upper York Road, New Hope, PA 18938 (US). **CHALMERS, Derek, T.** [US/US]; 34 Spruce Street, Riverside, CT 06878 (US). **LUO, Zhiyong** [CN/US]; 79 Havermill Road, New City, NY 10956 (US).

(74) Agent: **BLAYLOCK, Richard, L.**; Pillsbury Winthrop Shaw Pittman, LLP, P.O. Box 10500, McLean, VA 22102 (US).

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(54) Title: SYNTHETIC PEPTIDE AMIDES AND DIMERS THEREOF

$$Xaa_1\text{-}Xaa_2\text{-}Xaa_3\text{-}\underset{\displaystyle G}{\underset{|}{(Xaa_4)_p}} \qquad (I)$$

(57) Abstract: The invention relates to synthetic peptide amide ligands of the kappa opioid receptor and particularly to agonists of the kappa opioid receptor that exhibit low P_{450} CYP inhibition and low penetration into the brain. The synthetic peptide amides of the invention conform to the structure: Pharmaceutical compositions containing these compounds are useful in the prophylaxis and treatment of pain and inflammation associated with a variety of diseases and conditions. Such treatable pain includes visceral pain, neuropathic pain and hyperalgesia. Inflammation associated with conditions such as IBD and IBS, ocular and otic inflammation, other disorders and conditions such as pruritis, edema, hyponatremia, hypokalemia, ileus, tussis and glaucoma are treatable or preventable with the pharmaceutical compositions of the invention.

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