

**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification⁶ : C07C 235/00	A2	(11) International Publication Number: WO 99/09000 (43) International Publication Date: 25 February 1999 (25.02.99)
(21) International Application Number: PCT/US98/17048 (22) International Filing Date: 18 August 1998 (18.08.98) (30) Priority Data: 60/055,944 18 August 1997 (18.08.97) US 60/068,335 19 December 1997 (19.12.97) US (71) Applicant: DU PONT PHARMACEUTICALS COMPANY [US/US]; WR-1ST18, 974 Centre Road, Wilmington, DE 19807 (US). (72) Inventors: YAO, Wenqing; 748 Meadowbank Road, Kennett Square, PA 19348 (US). DECICCO, Carl, P.; 17 Ridgewood Turn Street, Newark, DE 19711 (US). (74) Agent: KONRAD, Karen, H.; Du Pont Pharmaceuticals Com- pany, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).		(81) Designated States: AU, BR, CA, CN, CZ, EE, HU, IL, JP, KR, LT, LV, MX, NO, NZ, PL, RO, SG, SI, SK, UA, VN, Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: NOVEL INHIBITORS OF AGGRECANASE AND MATRIX METALLOPROTEINASES FOR THE TREATMENT OF ARTHRITIS (57) Abstract This invention relates to molecules which inhibit metalloproteinases, including aggrecanase, and the production of tumor necrosis factor (TNF). In particular, the compounds are inhibitors of metalloproteinases involved in tissue degradation and inhibitors of the release of tumor necrosis factor. The present invention also relates to pharmaceutical compositions comprising such compounds and to methods of using these compounds for the treatment of inflammatory diseases.		