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(12) **United States Patent**
Pinto et al.(10) **Patent No.: US 6,967,208 B2**
(45) **Date of Patent: Nov. 22, 2005**(54) **LACTAM-CONTAINING COMPOUNDS AND
DERIVATIVES THEREOF AS FACTOR XA
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Company**, Princeton, NJ (US)(*) Notice: Subject to any disclaimer, the term of this
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U.S.C. 154(b) by 139 days.(21) Appl. No.: **10/245,122**(22) Filed: **Sep. 17, 2002**(65) **Prior Publication Data**

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Aug. 9, 2002.(51) **Int. Cl.⁷** **C07D 471/16**; A61K 31/437;
A61P 7/02(52) **U.S. Cl.** **514/303**; 546/119; 546/120(58) **Field of Search** 514/303; 546/119,
546/120(56) **References Cited****U.S. PATENT DOCUMENTS**

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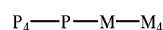
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Belfield(57) **ABSTRACT**The present application describes lactam-containing com-
pounds and derivatives thereof of Formula I:

I

or pharmaceutically acceptable salt forms thereof, wherein
ring P, if present is a 5–7 membered carbocycle or hetero-
cycle and ring M is a 5–7 membered carbocycle or hetero-
cycle. Compounds of the present invention are useful as
inhibitors of trypsin-like serine proteases, specifically factor
Xa.**103 Claims, No Drawings**