

Title (en)
LUMINOGENIC PROTEASE SUBSTRATES

Title (de)
LUMINOGENE PROTEASESUBSTRATE

Title (fr)
SUBSTRATS LUMINOGENES POUR PROTEASES

Publication
EP 1517997 A2 20050330 (EN)

Application
EP 03729139 A 20030523

Priority
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• US 38336302 P 20020524

Abstract (en)
[origin: WO03099780A2] Systems, including compositions, kits, and methods, suitable for performing enzyme assays, such as protease assays. The composition may include derivatives of rhodamine 110 that are substituted at the xanthylium nitrogens by a peptide moiety and a morpholine-4-carbonyl moiety, respectively. These compositions may be luminogenic substrates for a large variety of protease enzymes, with utility in a variety of sensitive protease enzyme assays.

IPC 1-7
C12Q 1/37; G01N 33/50; A61K 38/06; A61K 38/07; C09K 11/06; C07D 311/88

IPC 8 full level
C07D 311/82 (2006.01); **C07D 493/10** (2006.01); **C07K 5/02** (2006.01); **C07K 7/02** (2006.01); **C12Q 1/37** (2006.01)

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