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In vitro SAR of (5-(2H)-isoxazolonyl) ureas, potent inhibitors of hormone-sensitive lipase.

AU

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SO

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AB

A series of (5-(2H)-isoxazolonyl) ureas were developed as nanomolar inhibitors of hormone-sensitive lipase, an enzyme of potential importance in the treatment of diabetes. Copyright 2004 Elsevier Ltd. All rights reserved.

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Pathology - Therapy 12512  
Metabolism - Metabolic disorders 13020  
Endocrine - Pancreas 17008  
Pharmacology - General 22002

IT

Major Concepts  
Pharmacology

IT

Diseases  
diabetes: endocrine disease/pancreas, metabolic disease  
Diabetes Mellitus (MeSH)

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Chemicals & Biochemicals  
(5-(2H)-isoxazolonyl) ureas: hormone-sensitive lipase inhibitors,  
in vitro structure-activity relationships; hormone-sensitive lipase

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Miscellaneous Descriptors  
lipolysis

RN

9001-62-1 (hormone-sensitive lipase)