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

AU

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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

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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)