

# Agents Useful for Treating Obesity, Diabetes and Related Disorders

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# ABSTRACT

Researchers at the University of California, Davis have developed a method for treating or effecting prophylaxis of impaired insulin sensitivity, glucose tolerance, obesity and metabolic syndrome.

#### **FULL DESCRIPTION**

Metabolic syndrome, a term describing a cluster of interrelated common clinical conditions, including obesity, insulin resistance, glucose intolerance, hypertension and dyslipidemia, is a severe and increasing health problem world-wide. Obesity and type 2 diabetes, both categorized within metabolic syndrome, are commonly comorbid metabolic diseases with obesity increasing the risk of developing type 2 diabetes by roughly ten-fold.

Researchers at the University of California, Davis have developed a method for treating or effecting prophylaxis of impaired insulin sensitivity, glucose tolerance, obesity and metabolic syndrome through administering an effective regime of idebenone and/or idebenone analogs, and re-establish sensitivity to insulin (anti-diabetes), mitigate corticosterone-induced insulinresistance (anti-diabetes) and increase lipid oxidation (anti-obesity).

## **APPLICATIONS**

- Treatment or effecting prophylaxis of impaired insulin sensitivity, glucose tolerance, obesity or metabolic syndrome
- ▶ Inhibiting the development of type 2 diabetes or metabolic syndrome
- Treatment for non-alcoholic steatohepatitis (NASH)

#### **FEATURES/BENEFITS**

- Compounds may provide an effective or complimentary treatment for insulin sensitivity
- Compounds may provide a treatment for non-alcoholic steatohepatitis (NASH)
- Compounds may compliment current diabetes therapies

#### **PATENT STATUS**

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Туре

Case

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#### INVENTORS

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#### OTHER INFORMATION

**KEYWORDS** metabolic syndrome, insulin sensitivity, glucose tolerance, obesity

CATEGORIZED AS

Medical

Disease:
Metabolic/Endocrinology

RELATED CASES

2016-662-0, 2016-663-0

# ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

Methods and Compounds for Treating Mitochondrial Diseases

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