

Agents Useful for Treating Obesity, Diabetes and Related Disorders

Tech ID: 27143 / UC Case 2016-662-0

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 insulin-resistance (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

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	9,750,705	09/05/2017	2016-662

ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

- [Methods and Compounds for Treating Mitochondrial Diseases](#)

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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

