# AOR BENFOTIAMINE



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### WHAT IS IT?

Benfotiamine is a highly bioavailable active form of vitamin B1 (thiamin). It has been proven to be five times more absorbable than regular thiamin and can penetrate the cellular membranes. Benfotiamine plays an essential role in energy and carbohydrate metabolism to avoid damage.

## WHAT DOES IT DO?

Benfotiamine properly metabolizes carbohydrates and blocks a harmful process in the body called protein glycation. Protein glycation creates Advanced Glycation End-products (AGEs), which are formed when cells are consistently exposed to high levels of blood sugar. AGEs can lead to DNA and tissue damage, speed the aging process, and cause diabetic-related nerve, eye, and kidney damage. Benfotiamine supplementation can reduce nerve pain and support nerve function in diabetic neuropathy. Benfotiamine metabolizes carbohydrates (sugars) in our body, which prevent the carbohydrates from contributing to AGEs formation.

### **CONDITIONS / INDICATIONS:**

- Diabetes
- Alzheimer Disease
- Arthritis
- Alcoholism

# ADVANCED GLYCATION END-PRODUCTS

AGEs form in the body when carbohydrates (sugars) interact with proteins or fats in the bloodstream. AGEs contribute to diabetic related damage, DNA and tissue damage, and increased aging processes. High levels of AGEs have been linked to diabetes, inflammation, oxidative stress, Alzheimer's, and renal failure.

# **3-4 FEATURES:**



### DIABETES LEARN MORE

- Decreased neuropathic pain
- Inhibits AGEs formation
- Prevents progression of diabetic complications



### ALCOHOLISM LEARN MORE

- May discourage alcohol consumption
- Improves neurological functioning
- Reduces thiamine deficiency found in some alcoholics



# ALZHEIMER'S LEARN MORE

- Improves cognitive functioning
- Reduces biological markers of Alzheimer's disease
- Reduces Alzheimer's related cognitive decline