



BioResponse

BioResponse DIM®

Patented Bioavailable Diindolylmethane

Now with Vegetarian Capsules

Microencapsulated Formulation for Proven Absorption

Promotes estrogen metabolism for healthy hormonal balance

BIORESPONSE DIM®

"DIM" stands for Diindolylmethane, a natural dietary indole found in cruciferous vegetables. DIM occurs within the cruciferous vegetable plant after crushing or chewing. Plant enzymes produce DIM from precursors called glucosinolates. When added to the diet, absorbable DIM helps balance estrogen metabolism.

DIM promotes beneficial estrogen metabolism in both women and men. Absorbable DIM has been shown to promote greater metabolism of estrogen to 2-hydroxy estrogens¹. 2-hydroxy forms of estrogen are considered beneficial². DIM promotes estrogen metabolism, but is not a plant estrogen.

Microencapsulated BioResponse DIM® is the original and only DIM with proven absorption and benefits demonstrated in independently performed clinical studies. BioResponse's patented formulation contains microencapsulated complexes of diindolylmethane for guaranteed and sustained gastrointestinal absorption. This patented technology is **the only formulation with an awarded US Patent #6,086,915**.

USES

BioResponse DIM promotes beneficial estrogen metabolism and **healthy hormonal balance**^{1,2,3}. This optimizes the ratio of estrogen metabolites that is crucial for **breast³, uterine⁴, cervical⁵ and prostate⁶ health**. Women and men also use BioResponse DIM as an integral part of successful weight management programs.

Clinical trials are currently underway using BioResponse DIM in collaboration with Cornell University, the NYU School of Medicine, Cancer Research UK, Wayne State University, and New York Medical College in HPV related conditions and prostate health⁷. BioResponse Nutrients works with the National Cancer Institute (NCI) under a clinical trials agreement to discover the further health potential of DIM.

BioResponse is the only DIM manufacturer that supports clinical trials with such organizations.

HOW IS BIORESPONSE DIM UNIQUE?

- BioResponse provides **proven bioavailability** of highly insoluble active DIM through action of its patented dosage form and microencapsulated delivery system.
- **BioResponse DIM® is the only DIM in clinical trials sponsored by the National Cancer Institute⁷.**

ADVANTAGES OF BIORESPONSE DIM

BioResponse DIM is **the DIM used in clinical trials**. All clinical trials have only used the BioResponse DIM Formulation, including clinical trials using microencapsulated BioResponse DIM to study HPV, cervical dysplasia, uterine, and prostate health.

DIM is highly insoluble. Microencapsulation guarantees absorption. BioResponse DIM is the only microencapsulated formulation of DIM.

RECOMMENDATIONS

Take 1-2 capsules daily or as directed by your physician or health care provider.

PRECAUTIONS

Individuals with allergies to corn or soy should not take the product as some of the ingredients in the patented formulation are derived from these sources. Do not use if you are pregnant, may become pregnant, or lactating. Harmless changes in urine color may occur with the use of this product.

SUPPLEMENT FACTS

Serving size: 2 Capsules

Servings per Container: 30

Amount per Serving	%DV*
BioResponse DIM®	300 mg *

(A patented, enhanced bioavailability complex containing min. 25% diindolylmethane), starch, diindolylmethane, Vitamin E (as d-alpha tocopheryl succinate), soy phosphatidyl choline, silica.

*Daily value (DV) not established.

Other ingredients: Microcrystalline cellulose, vegetable cellulose, tocophersolan, calcium silicate, magnesium stearate, magnesium silicate, dicalcium phosphate, titanium dioxide. Free of yeast, salt, sugar, wheat, gluten, milk, artificial coloring, preservatives or ingredients from animal sources.

*These statements have not been evaluated by the FDA. This product is not intended to diagnose, treat, cure or prevent any disease.

REFERENCES

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2. Bradlow HL, Telang NT, Sepkovic DW, Osborne MP. 2-hydroxyestrone: the 'good' estrogen. *J Endocrinol*. 1996 Sep;150 Suppl:S259-65.
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4. Zeligs MA, Fulfs JC, Peterson R, Wilson SM, McIntyre L, Sepkovic DW, and Bradlow HL. In vivo, uterine-protective activity of absorption-enhanced diindolylmethane: Animal and preliminary human use in combination with Tamoxifen. *Proc Am Assoc Cancer Res* 2003. 44:1268.
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6. Teas J, Cunningham JE, Fowke JH, Nitcheva D, Kanwat CP, Boulware RJ, Sepkovic DW, Hurley TG, Hebert JR. Urinary estrogen metabolites, prostate specific antigen, and body mass index among African-American men in South Carolina. *Cancer Detect Prev*. 2005; 29(6):494-500.
7. Visit: <http://clinicaltrials.gov>, keyword: "diindolylmethane"

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