Vinpocetine

Nutritional Support for healthy cognitive function†

DESCRIPTION

Vinpocetine, provided by Douglas Laboratories®, supplies 10 mg of vinpocetine, a derivative of vincamine, from an extract of the periwinkle plant. Vinpocetine may support healthy blood flow to the brain as well as neuronal function, thereby supporting cognitive function and memory.†

FUNCTIONS

Progressive memory loss and related cognitive dysfunction states have become a serious medical and social problem in Western societies. According to the U.S. National Institute on Aging, in the United States alone there are as many as four million cases of the most extreme form of cognitive breakdown. With the increasing population of people over the age of 50, concern for memory, cognitive malfunction and other related conditions has become understandable.

Vinca minor is a perennial ground cover plant known also as myrtle or periwinkle. The plant bears bright, blueviolet flowers and is most often found in the temperate zone of the Northern hemisphere. Its use as an herbal medicine dates back for centuries. Its many alkaloids may have blood pressure and blood sugar supporting properties, in addition to support of cognitive function.†

Studies have shown that vinpocetine can be a powerful cognitive support product.† It is a vasodilator and thus can increase blood flow to the brain, as well as potentially improving the brain's use of oxygen, thus enabling brain cells to continue functioning, even when oxygen supplies are cut off. Vinpocetine has also been found to stimulate noradrenergic neurons in an area of the brain called the locus coeruleus. Noradrenergic neurons affect the function of the cerebral cortex—the part of the brain used to think, plan, and act. The number of these neurons declines with age, impairing concentration, alertness, and the speed with which information is processed. It can also increase cerebral metabolism and raise ATP levels in nerve cells.†

In double-blind trials conducted with patients suffering from mild-to-moderate vascular memory decline, vinpocetine benefited memory, learning, and global clinical measures of cognitive performance. Speech and language also showed marked improvement.†

INDICATIONS

Vinpocetine capsules may be a useful dietary supplement for those who wish to support the healthy functioning of their mental processes.

FORMULA (#8502)

Each Vegetarian capsule contains: Vinpocetine......10 mg

SUGGESTED USE

Adults take 1 capsule daily with meals or as directed by a healthcare practitioner.

SIDE EFFECTS

No adverse side effects have been reported.

STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

Vinpocetine

Nutritional Support for healthy cognitive function†

REFERENCES

Balestreri R, Fontana L, Astengo F. A double-blind placebo controlled evaluation of the safety and efficacy of Vinpocetine in the treatment of patients with chronic vascular senile cerebral dysfunction. J Am Geriatr Soc 1987;35:425-430.

Fischhof PK, Moslinger-Gehmayr R, Herrmann WM, Friedmann A, Russmann DL. Therapeutic efficacy of vincamine in dementia. Neuropsychobiology 1996;34(1):29-35

Hindmarch I, Fuchs H, Erzigkeit H. Efficacy and tolerance of Vinpocetine in ambulant patients suffering from mild to moderate organic psychosyndromes. Int Clin Psychopharmacol 1991;6:31-43.

Kiss B, Karpati E. Mechanism of action of vinpocetine. Acta Pharm Hung. 1996 Sep;66(5):213-24. Hungarian. Nicholson CD. Pharmacology of nootropics and metabolically active compounds in relation to their use in dementia. Psychopharmacology (Berl) 1990;101:147-159.

Otomo E, Atarashi J, Araki G, et al. Comparison of Vinpocetine with ifenprodil tartrate and dihydroergotoxine mesylate treatment and results of long-term treatment with Vinpocetine. Curr Therapeutic Res 1985;37:811-821.

For more information on Vinpocetine visit douglaslabs.com

† These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

Manufactured by Douglas Laboratories 600 Boyce Road Pittsburgh, PA 15205 800-245-4440 douglaslabs.com



2

You trust Douglas Laboratories. Your patients trust you.

 $\ensuremath{\texttt{©}}$ 2013 Douglas Laboratories. All Rights Reserved