

CerefolinNAC is available

at these wholesalers:

Manufactured under
cGMP guidelines



WWW.CEREFOLINNAC.COM

Wholesaler Name	Item #
AmerisourceBergen	435-661
Cardinal (6 Digit DP#)	370946
Cardinal (7 Digit CIN#)	3709466
H.D. Smith	1882562
Kihray, Inc.	966-853
McKesson	2169928
Morris & Dickson	647230
Smith Drug	151407

If your wholesaler is not shown above, please contact them for their order numbers.

Folic Acid is Not the Active Form of Folate

L-Methylfolate: A Novel Form of Folate; More efficient than folic acid,

Folic acid is synthetically produced and NOT the active form of folate needed for the dietary management of several chronic disease states.¹ High dose L-methylfolate is less likely than folic acid to mask a vitamin B12 deficiency.¹¹

- 50% of the general population has an inborn error in the methylenetetrahydrofolate reductase (MTHFR) enzyme which limits their capacity to convert folic acid to L-methylfolate.²
- L-methylfolate is 7 times more bioavailable than folic acid regardless of the MTHFR C-T polymorphism.³
- L-methylfolate is able to cross the blood brain barrier to aid in the synthesis of neurotransmitters linked to mood and memory unlike folic acid.^{4,5}
- L-methylfolate reduces toxic levels of homocysteine significantly greater than folic acid ($p < 0.02$).⁶
- High dose synthetic folic acid has led to an increase in depression,⁷ neurological complications,⁸ suppression of the immune system⁹ and a decrease in monoamines.¹⁰

L-methylfolate is available in several commercial formulations.



- 1.) Walker MJ Jr, Morris LM. Vascular Disease Management, 2007; 2 (1): 1-8
- 2.) Wald D, Law M, Morris JK. Homocysteine and cardiovascular disease: evidence on causality for a meta-analysis BJ 325:1-7
- 3.) Williams FF, et al. Pharmacogenetic study on the utilization of 5-methyltetrahydrofolate and folic acid in patients with coronary artery disease. Br J Pharmacol. 2004; 141:825-830
- 4.) Spector R and Lorenzo AV. Folate transport in the central nervous system. A J Physiol. 1975-229 (3): 777-82
- 5.) Wu D and Pardridge WM. Blood-brain barrier transport of reduced folic acid. Pharmaceutical Research. 1999; 16(3):415-419
- 6.) Bailey, S University of South Alabama School of Medicine, 2004(Data on File)
- 7.) Aisen PS et al. JAMA.2008; 300:1774-83
- 8.) Smith I et al. Postgrad Med J. 1986;62(724):113-23
- 9.) Troen AM et al., Unmetabolized folic acid in plasma associated with reduced natural killer cell cytotoxicity among postmenopausal women. J Nutr. 2006;13:189-94
- 10.) Botez MI et al. Nature. 1979 278(5700):182-3
- 11.) Scott, J.M. et al. The Methylfolate Trap. A Physiological Response in Man to Prevent Methyl Group Deficiency in Kwashiorkor and an Explanation for Folic-Acid-Induced Exacerbation of Subacute Combined Degeneration in Pernicious Anemia, Lancet, 1981 2:337-340

CerefolinNAC® is an orally administered prescription medical food for the dietary management of certain metabolic processes identified with early memory loss. Deplin® is a prescription medical food for the dietary management of suboptimal folate levels in depressed patients. Metanx® is a prescription medical food for the dietary management of endothelial dysfunction in patients with diabetic peripheral neuropathy. Neevo®/NeevoDHA® is a prescription prenatal multivitamin/multimineral capsule with DHA for the dietary management of preconception and pregnant women who require increased vitamin, mineral and DHA concentrations throughout pregnancy and the post lactating period.