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Osteoporosis. Treatment with folate and vitamin B₁₂ can reduce elevated plasma homocysteine concentrations and may subsequently decrease the risk of osteoporosis and hip fracture, see Osteoporosis, under Vitamin B₁₂, p.1983.

Prophylaxis of malignant neoplasms. For reference to suggestions that folate supplements may be associated with reduced risk of certain cancers, see p.1927. However, folic acid may have dual modulatory effects on carcinogenesis, see Carcinogenicity, above.

Preparations

BP 2008: Ferrous Fumarate and Folic Acid Tablets; Folic Acid Tablets; **USP 31:** Folic Acid Injection; Folic Acid Tablets.

Proprietary Preparations (details are given in Part 3)

Arg.: Acifol; Anemidox Folic; Anfol; Azolac Folic; Biofol; Coflic; Conacid; Dupofol; Edulsan Folic; Egestan; Folafor; Foliagen; Folinax; Folinemic; Galfol; Livfol; Medifol; Ronfol; Sojar Folic; Suprafol; **Austral.:** Megafol; **Austria:** Folsan; **Belg.:** Folvit; **Braz.:** Acolfol; Afop; Endofolin; Enfol; Folicin; Folinj; Folital; Materfol; Neo Folic; **Chile:** Folicid; Follifemin; Follisanin; **Denm.:** Follimet; **Fin.:** Folvite; **Fr.:** Spécifoline; **Ger.:** Dreisafol; Foll-Asmedic; Follarell; Follur; Follgamma Monof; Follin; Folverlan; Gravi-Fol; Lafol; Rubiefol; **Gr.:** Filicine; **Hung.:** Ferroglobin-B12; Folsav; Humafol; **India:** Folet; Folvite; Ingafol; Rubraplex; Vitafol; **Indon.:** Folic; Folicite; Folascom; Folas; Folvit; Folafoxin; Nufolic; **Ir.:** Cardioguard; Clonfol; **Ital.:** Folic; Folidex; Folina; Folvingrav; Serengrav; **Mex.:** AF; Folvital; Materfol; Prinaf; **Philipp.:** Enhansid; Purfol; **Pol.:** Acifolic; Folicid; Follifem; Folic; Follimin; Folvit; **Port.:** Acol; Dozefol; Folicil; **Rus.:** Folicin (Фолицин); **Spain:** Acol; Zolico; **Swed.:** Folic; **Switz.:** Andreafol; Drossafol; Foli-Rivot; Folvite; **Thail.:** Follamin; Folicine; Folvit; **Turk.:** Folioli; **UAE:** Folicum; **UK:** Folicare; Lexpec; Preconceive; **USA:** Folvite; **Venez.:** Afokin; Folin.

Multi-ingredient: **Arg.:** Acifol-B12; Anemidox-Ferrum; Anemidox-Solub; Blastop; Egestan Hierro; Fatofer B12; Fefol; Ferranin Complex; Ferretab Compuesto; Ferro Folic; Ferrocebrina; Folinax B; Hierro Dupofol; Hierro Folic; Hierro Plus; Hierroquol; ITE B12 Forte; Maltofol Foli; Presterin; QX 10; Rubiron; Siderace; Siderblut Folic; Tenciv; Vitafol Complex; Yectafer Complex; **Austral.:** Antioxidant Forte Tablets; Fefol; FGF Tabs; Pre Natal; Vita-Preg; **Austria:** Aktiferrin Compositum; Beneran compositum; Ferretab Comp; Ferrogad Fol; Losferon-Fol; Tardyferon-Fol; **Belg.:** Gestiferr; **Braz.:** Anemoferr; Betozone; Corabent; Ferrini Folic; Ferropex; Ferrotonico B12; Ferrotrab; Ferrumvit; Fol Sang; Folicin; Folliferr; Iberin Folic; Iloban; Neurofer Folic; Noripurum Folic; Vi-Ferrin; **Canada.:** Neo-Fer CF; Palfer CF; Slow-Fe Folic; **Chile:** Cronoferril; Ferranem; Ferranin; Ferro F-500 Gradumet; Ferro Vitaminico; Foli Doce; Follifer; Iberol Folic; Maltofol Foli; **Cz.:** Aktiferrin Compositum; Ferretab Compositum; Ferro-Folgamma; Ferrogad Folic; Maltofol Foli; Tardyferon-Foli; **Fin.:** Obsidan comp; **Fr.:** Folia; Gynosoja; Tardyferon B; **Ger.:** B; Folic-Victrast; Erylfer comp; Ferro sanol comp; Ferro sanol gyl; Ferro-Folgamma; Ferro-Folsan; Follgamma; Folicolomb; Hamatopan F; Hepagrisovit Forte-N; Kendural-Fol-500; Medivitan N; Medyn; MerSofl; Pastulen N; Selectaferr N; Tardyferon-Foli; **Gr.:** Dextriferr-Fol; Feofol; Ferro-Folic; Ferrum Fol Hausmann; Gyno-Tardyferon; Hemaferol; **Hong Kong:** Eurofer; Hepatofal; Iberet-Folic; **Hung.:** Atherovit; Ferro-Folgamma; Ferrogad Folic; Maltofol Foli; Pregmag; Tardyferon-Foli; **India:** Anemidox; Blozyn; Cafe-Kit; Carbofol; Cofol; Cofol Z; Conivron-TR; Dexorange; Elferm-Z; Fecontin-F; Fecontin-Z; Fefol; Fefol-Z; Fericip; Ferrochelat; Ferrochelat-Z; Ferrivit; Fesovit; Genfol; Globac-Z; Hepasules; Hepatoglobine; Hepofer; Jecto-com Plus; JP Tone-TR; Livogen Captab; Livogen Hemtonic; Livogen-Z; Livogen; Maxiferron; Mumi-Z; Mumi-Z; Plastules; Probiofer; Ranicap; Softener; Softener-Z; Tonoferron; Vitamon; **Indon.:** Adler; Biosanbe; Fola-plus; Hemobion; Iberet-Folic; Maltofol Foli; Natabion; Neogobion; Sangobion; Vomilat; **Ir.:** Fefol; Ferrocop F; Ferrogad Folic; Galfol F; Givitol; **Israel:** Aktiferrin-F; Ferrifol; Ferrogad Folic; Folex; Folic; Slow-Fe Folic; Tricardia; **Ital.:** Epargiseovit; Evaferr; Ferrogad Folic; Folepar B12; **Malaysia:** Aktiferrin-F; Ferravit; Iberet-Folic; Maltofol; Sangobion; **Mex.:** Dialiel AF; Ferlor AF; Ferranina Foli; Ferricid; Ferro Folic; Forta; Intrafol; Intrafol F-800; Intrafol TF; Ironfol; Orafer Comp; Tardyferon-Foli; Uniferfol; Yemifer-H; **NZ:** Ferrogad Folic; **Philipp.:** Ameciron; Ameciron Plus; Anixon; Benifort; Drexobion-OB; Dupharon; Essener; Eurofer; Femina; Fergesol; Ferlin; Ferosal; Ferro-Folsan Plus; Folvital; Formaferr; Fortiferr F-A; Harviferr; Hemobion; IBC; Iberet-Folic; Imeferr; Irobon; Meganerv F-A; Micron-C; Molvite-OB; Nakaron; Sangobion; Terraferon; TriHEMIC; **Pol.:** Additiva Ferrum; Ferrogad Folic; Hemofer F; Tardyferon-Foli; **Port.:** Ferro-Folsan; Ferrogad Folic; Ferrum Foli; Folliferr; Maltofol; Neobefol; Tardyferon-Foli; **Rus.:** Aktiferrin Compositum (Актиферрин Композитум); Ferretab Comp (Ферретаб Комп); Ferro-Folgamma (Ферро-Фолгамма); Gyno-Tardyferon (Гино-тардиферон); **S.Afr.:** Fefol; Fefol-Vit; Ferro-Folic; Ferrimed; Folliglobin; Hepabionta; Pregamal; **Singapore:** Aktiferrin-F; Eurofer; Iberet-Folic; Iron Melts; Neogobion; Saferon; Sangobion; Tardyferon B; Wanse; **Spain:** Folic; Folliferron; Hepa Factor; Normovite Antianemico; **Switz.:** Actiferrine-F Nouvelle formule; Duofer Foli; Ferro-Folic; Gyno-Tardyferon; Maltofol Foli; **Thai.:** Adenemic F; Eurofer; Ferli-6; Ferosix; Orofer; Trinsicron; **Turk.:** Blood Builder; Epargiseovit; Ferplex Foli; Ferro-Vital; Ferrum Fort Hausmann; Folic Plus; Gyno-Tardyferon; Gynoferron; Maltofol Foli; Vi-Fer; **UAE:** Foliciron; **UK:** Fefol; Ferrogad Folic; Galfol F-A; Hematinic; Ironom; Lexpec with Iron-Mj; Lexpec with Iron; Meterfol; Pregaday; Slow-Fe Folic; SoyPlus; **USA:** ABC to Z; Berocca Plus; Bevitamel; Centurion A-Z; Certagen; Cevi-Fer; Chromagen FA; Chromagen Forte; Compete; Contrin; Fe-Tinic Forte; Feocyte; Ferro-Folic; Ferrotinsic; Feralet Plus; Ferrex Forte; Ferrex Forte Plus; Fergels Forte; FOLTZ; Formula B Plus;

Geriot; Geritol Complete; Geval T; Hematinic; Hematinic Plus; Hemocyte Plus; Hemocyte-F; Iberet-Folic; Icar-C Plus; Icar-FA; Iromin-FA; Livitrisic-F; Nephro-Fer Rx; Niferex Forte; Nu-Iron V; Parvlex; Poly-Iron Forte; PremisRx; Pronemia Hematinic; Slow Fe with Folic Acid; Tandem F; Thera Hematinic; Theragenix-F; Theravee Hematinic; TriHEMIC; Trinsicron; Vitafol; Yelets; Zodeac; **Venez.:** Calcibion Nabal; Cobalfer; Fefol; Ferganic Folic; Ferro-Folic; Folliferr B-12; Hepafol con B-12; Herrongyn; Intaferol; Maltoferr-fol.

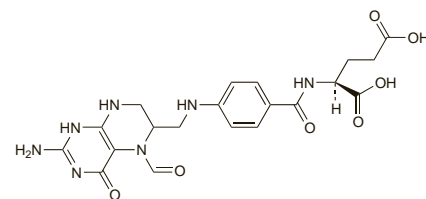
Folinic Acid (BAN)

Citrovorum Factor; Folinico, ácido; Leucovorin. 5-Formyltetrahydropteroylglutamic acid; N-[4-(2-Amino-5-formyl-5,6,7,8-tetrahydro-4-hydroxypteridin-6-ylmethylamino)benzoyl]-L-(+)-glutamic acid.

Фолиновая Кислота

C₂₀H₂₃N₇O₇ = 473.4.

CAS — 58-05-9.



Calcium Folate (BANM, rINN)

Calcii folinas; Calcii Folinus Hydricus; Calcium, folinate de; Calcium Folate-SF; Calcium Leucovorin; Folate de Calcium; Folinato cálcico; Kalcio folinatas; Kalciumfolinat; Kalcium-folinat; Kalcium-folinat hydrát; Kalsiumfolinaatti; Kalsiyum Folinat; Kalsiyum Lökovorin; Leucovorin Calcium; NSC-3590. The calcium salt of folic acid (1:1).

Кальция Фолинат

C₂₀H₂₁CaN₇O₇ = 511.5.

CAS — 1492-18-8 (anhydrous calcium folinate); 41927-89-3 (calcium folinate pentahydrate); 6035-45-6 (calcium folinate pentahydrate).

ATC — V03AF03.

ATC Vet — QV03AF03.

Pharmacopoeias. In *Eur.* (see p.vii), *Int.*, *Jpn.* and *US*.

Chin. includes the pentahydrate (C₂₀H₂₁CaN₇O₇·5H₂O = 601.6).

Ph. Eur. 6.2 (Calcium Folate). A white or light yellow, amorphous or crystalline powder. Sparingly soluble in water; practically insoluble in alcohol and in acetone. A 2.5% solution in water has a pH of 6.8 to 8.0. Store in airtight containers. Protect from light.

USP 31 (Leucovorin Calcium). A yellowish-white or yellow, odourless, powder. Very soluble in water; practically insoluble in alcohol. Protect from light.

Incompatibility. Calcium folinate and fluorouracil, with or without 5% glucose, were incompatible when mixed in various ratios and stored in PVC containers at various temperatures.¹

1. Trissel LA, *et al.* Incompatibility of fluorouracil with leucovorin calcium or levoleucovorin calcium. *Am J Health-Syst Pharm* 1995; **52**: 710–15.

Calcium Levofolate (BAN, rINN)

Calcii Levofolinas; Calcii levofolinas pentahydricus; Kalcio levofolinas; Kalciumlevofolinate; Kalcium-levofolinat pentahydric; Kalcium-levofolinat-pentahydric; Kalciumlevofolinatpentahydric; Kalsiumlevofolinaatti; Kalsiumlevofolinaattipentahydric; Levofolinate; Lévofolinate calcique pentahydric; Lévofolinate de Calcium; Levofolinate de calcio; Levoleucovorin Calcium (USAN). The calcium salt of the isomer of S-folinic acid (1:1).

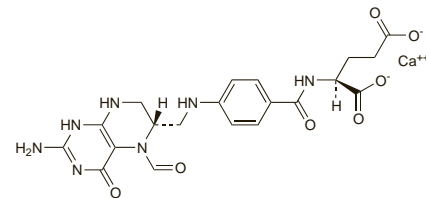
Кальция Левофолинат

C₂₀H₂₁CaN₇O₇·5H₂O = 601.6.

CAS — 80433-71-2 (anhydrous calcium levofolate).

ATC — V03AF04.

ATC Vet — QV03AF04.



(anhydrous calcium levofolate)

The symbol † denotes a preparation no longer actively marketed