

Preparations

USP 31: PEG 3350 and Electrolytes for Oral Solution.

Proprietary Preparations (details are given in Part 3)

Austria: DrinkLax; MixLax; **Belg.:** Forlax; **Cz.:** Forlax; **Fr.:** Forlax; **Ger.:** Forlax; Glandemed; Laxofalk; **Gr.:** TaniLax; Transorbini; **Hong Kong:** Forlax; **Hung.:** Forlax; **Israel:** PegaLax; **Italy:** Onlipreg; Paxabel; Pergidal; **Malaysia:** Forlax; **Mex.:** Contumax; **Neth.:** Forlax; **Pol.:** Forlax; Prolaxatan; **Port.:** Forlax; Phileroterol; Transipeg; **Rus.:** Forlax (Форлак); Polyoxidin (Полиоксидин); **Singapore:** Forlax; **Swed.:** Forlax; **Thai.:** Forlax; **Turk.:** Transipeg; **UK:** Idrolax; **USA:** GlycoLax; MiraLax.

Multi-ingredient: **Arg.:** Adital; Barex; Irix Lagrimas; Systane; Transipeg; Visine Lagrimas; Visine Plus; **Austral.:** Colonic Lavage Powder†; Colonylyte; Colonprep†; Glycoprep; Glycoprep-C; Movicol; Prep Kit-C; Visine Advanced Relief; Visine Revive†; Visine True Tears†; **Austria:** Klean-Prep; Movicol; Transipeg; **Belg.:** Colofort; Colope; Delpel; Endofalk; Endopep; Klean-Prep; Movicol; Precosol†; Transipeg; **Braz.:** Muvinlax; NuLyteLy; **Canada.:** CoLyte; GoLyteLy; Klean-Prep; PegLyte; Rhinaris; Salinol†; Secaris; Systane; Visine Advance Triple Action; Visine Cool; **Chile:** Systane; **Cz.:** Fortrans; Movicol; **Denm.:** Klean-Prep†; Ledermix†; Movicol; **Fin.:** Colonsoft; Colonsteril; Klean-Prep; Movicol; **Fr.:** Colofort; Fortrans; Klean-Prep; Movicol; Moviprep; SST; Systane; Transipeg; **Ger.:** Colonorm N†; Delcoprep; Endofalk; Isomol; Klean-Prep; Movicol; Oralax; **Gr.:** Fortrans; Izetalin; Klean-Prep; **Hong Kong:** Clinac; OC; Hypotears; Klean-Prep; Movicol; Systane; Visine Moisturizing; **India.:** Laxarec; MicroLax; Visine Extra; **Ir.:** Klean-Prep; Movicol; **Israel:** Meroken New; **Italy.:** Hypotears; Isocolan; Klean-Prep; Macro-P; Movicol; Selg; Selg-Esse; Systane; **Malaysia:** Fortrans; Hypotears; Systane; **Mex.:** NuLyteLy; Systane; Visine Extra; **Neth.:** Colofort; Eleprep; Endofalk; Klean-Prep; Movicol; Transipeg; **Norw.:** Klean-Prep; Laxabon; Movicol; **NZ:** GoLyteLy; Klean-Prep; Movicol; Visine Advanced Relief; **Philipp.:** Moisturizing All Clear; Systane; Visine Refresh; **Pol.:** Fortrans; **Port.:** Endofalk; Fortrans; Klean-Prep; Movicol; Pecol; **Rus.:** Fortrans (Фортранс); Transipeg (Транзипег); **S.Afr.:** GoLyteLy; Klean-Prep; Movicol; **Singapore:** Fortrans; Klean-Prep; Movicol; Systane; **Spain:** Casengicol; Evacuante; Klean-Prep; Movicol; Omesal; **Swed.:** Klean-Prep†; Laxabon; Movicol; **Switz.:** Colo-Sol; Cololyt; Fordtran; Gleitmittel†; Hypotears; Isocolan; Klean-Prep; Movicol; Transipeg; **Thai.:** Nilfec; Systane; Unison Enema; **Turk.:** Movicol; **UK:** Hypotears†; Klean-Prep; Laxido; Movicol; Moviprep; SST; **USA:** Advanced Relief; Visine; Aquasoft†; CoLyte; GoLyteLy; HalfLyte; Hypotears; Moviprep; Nu-Tears II; NuLyteLy; Numoisyn; OCL; Tetrasine Extra†; Trilyte; Visine Moisturizing†; Visine Pure Tears; Visine Tears; **Venez.:** Lic Polvo†; Systane.

Magnesium Glutamate Hydrobromide

Glutamat magnésico, hidrobromuro de; Magnesium α -Aminoglutarate Hydrobromide; Magnesium Bromoglutamate. (C₅H₉NO₄)₂Mg·HBr = 397.5.

Profile

Magnesium glutamate hydrobromide has been used as a sedative and hypnotic in the treatment of insomnia, neuroses, and behavioural disorders. The use of bromides is generally deprecated (see p.2269).

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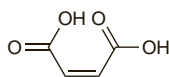
Multi-ingredient: **Chile:** Gamalate B6; **Spain:** Cefabol; Gamalate B6; Psicosoma Solucion.

Maleic Acid

Acide maléique; Acidum maleicum; (Z)-Butenedioic Acid; Kwac maleinowy; Kyselina maleinová; Maleico, ácido; Maleinihappo; Maleino rūgštis; Maleinsav; Maleinsyra; Toxiic Acid. cis-Butenedioic acid.

C₂H₂(CO₂H)₂ = 116.1.

CAS — 110-16-7.



Pharmacopoeias. In *Eur.* (see p.vii). Also in *USNF*.

Ph. Eur. 6.2 (Maleic Acid). A white or almost white, crystalline powder. Freely soluble in water and in alcohol. A 5% solution in water has a pH of less than 2. Store in glass containers. Protect from light.

USNF 26 (Maleic Acid). A white crystalline powder. Freely soluble in water and in alcohol; sparingly soluble in ether. Store in airtight glass containers. Protect from light.

Profile

Maleic acid is used in the preparation of Ergometrine Injection (BP 2008) and Ergometrine and Oxytocin Injection (BP 2008).

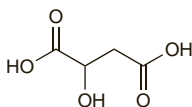
Malic Acid

Acide Malique; Acidum malicum; Acidum Malicum Racemicum; Äppelsyra; Apple Acid; E296; Hydroxysuccinic Acid; Kyselina jablčná racemická; Málco, ácido; Obuoli rūgštis; Omenahappo. (2R)-2-Hydroxybutanedioic acid.

C₄H₆O₅ = 134.1.

CAS — 6915-15-7 (malic acid); 636-61-3 ((+)-malic acid); 97-67-6 ((-)-malic acid); 6117-48-1 ((±)-malic acid).

The symbol † denotes a preparation no longer actively marketed



Pharmacopoeias. In *Eur.* (see p.vii). Also in *USNF*.

Ger. also includes the S-form (–)-malic acid).

Ph. Eur. 6.2 (Malic Acid). A white or almost white, crystalline powder. Freely soluble in water and in alcohol, sparingly soluble in acetone.

USNF 26 (Malic Acid). A white or practically white, crystalline powder or granules. Very soluble in water; freely soluble in alcohol.

Profile

Malic acid is used in pharmaceutical formulations as an acidifier, flavour, and as an alternative to citric acid in effervescent powders. It is used with butylated hydroxytoluene as an antioxidant in vegetable oils. It is used typically with benzoic acid and salicylic acid for desloughing of ulcers, burns, and wounds, and systemically with arginine (p.1928) in preparations for the treatment of liver disorders. Pastilles containing malic acid are also used in the management of dry mouth (p.2140).

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Proprietary Preparations (details are given in Part 3)

Multi-ingredient: **Austria:** Acerbine; Leberinfusion; Rocmaline; **Chile:** Secand; **Fin.:** Xerodent; **Fr.:** Rocmaline; Sphingogel†; Squaphane; SST; **Hung.:** Rocmalin†; **Italy.:** Keraflex; **Neth.:** Sterolundin M; **Norw.:** Xerodent; **S.Afr.:** Aserbine; **Spain:** Acerbin; **Swed.:** Xerodent; **Switz.:** Acerbine†; **UK:** Aserbine†; Hydrotab; Salivix; SST; **USA:** Numoisyn; **Venez.:** Licivar Plus.

Mallow

Erdi mályvavirág (mallow flower); Květ slézu lesního (mallow flower); Liść ślazu (mallow leaf); Malvablomma (mallow flower); Malvae folium (mallow leaf); Malvae sylvestris flos (mallow flower); Malvenblättr (mallow leaf); Malvenblüten (mallow flower); Mauve des Bois (*Malva sylvestris*); Mauve, feuille de (mallow leaf); Mauve, fleur de (mallow flower); Metsämalvankukka (mallow flower); Miškinių dedėžų žiedai (mallow flower).

Pharmacopoeias. *Eur.* (see p.vii) includes the dried flowers. *Swiss* includes Mallow Leaf (*Malvae Folium*) which may be *Malva sylvestris* or *M. neglecta*.

Ph. Eur. 6.2 (Mallow Flower; *Malvae sylvestris* flos). The whole or fragmented dried flower of *Malva sylvestris* or its cultivated varieties. Protect from light.

Profile

Mallow flower and leaf act as demulcents and are ingredients of herbal remedies for coughs and cold symptoms. Mallow flower is used to enhance the colour of herbal teas and other foodstuffs. Mallow is also included in herbal remedies for gastrointestinal disorders.

Preparations

Proprietary Preparations (details are given in Part 3)

Braz.: Mictasol; **Cz.:** Slezovy Kvet; **Switz.:** Malvedrin.

Multi-ingredient: **Arg.:** Acnetrol; KW; Mictasol Azul; Prunigel; **Austral.:** Neo-Cleanse; **Austria:** Midro Tee; **Belg.:** Mictasol-P; Mictasol†; **Braz.:** Malvatricin Natural Soft; Malvatricin Pastilhas; Malvatricin Pronto; Malvatricin Solucao para diluir; Malvatricin Spray; Malvodon; Mictasol com Sulfat; Peitoral Angico Pelotense†; **Canada.:** Original Herb Cough Drops; Swiss Herb Cough Drops; **Cz.:** Erkaltungstee†; Magen- und Darmtee N†; **Fr.:** Alkagin; Ergyne; Mediflor Tisane Hepatique No 5; Mictasol; Mucogyne; **Israel:** Midro-Tee; **Italy.:** Alkagin; Dentaton; Glicerolax; Indil; Microclismi Marco Viti; Microclismi Sella; Mictasol Bleu†; Mictasone; Neoderma 47; Nevril; Nin-fagin; Piodermina; Proctonett†; **Port.:** Alkagin; Midro†; **Rus.:** Herbion Plantain Syrup (Гербийон Сироп Подорожника); **Switz.:** Malvedrin; Malveol.

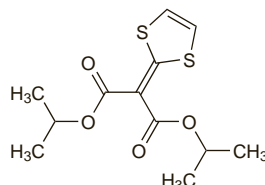
Malotilate (USAN, INN)

Malotilato; Malotilatium; NKK-105. Diisopropyl 1,3-dithiole-Δ²-malonate.

МАЛОТИЛАТ

C₁₂H₁₆O₄S₂ = 288.4.

CAS — 59937-28-9.



Profile

Malotilate has been investigated for its reported protective effects on liver function in patients with chronic hepatic disease.

References

1. A European Multicentre Study Group. The results of a randomized double blind controlled trial evaluating malotilate in primary biliary cirrhosis. *J Hepatol* 1993; **17**: 227–35.

Mammalian Tissue Extracts

Mamíferos, extractos tisulares.

Экстракты из Млекопитающей Ткани

Profile

Many medicinal preparations with definite pharmacological activity and valid clinical uses are of mammalian origin and are described under their appropriate monographs—for example, calcitonin, corticotropin, hydrocortisone (cortisol), some enzymes, heparin, insulin, parathyroid hormone, pituitary hormones, some sex hormones, and thyroid.

Other preparations of animal origin have been promoted for various disorders. Evidence of pharmacological activity is generally lacking and such preparations are often of doubtful benefit.

Preparations

Proprietary Preparations (details are given in Part 3)

Arg.: Bros†; Raw Prostate†; Sigmatrof; Solcoseryl; **Austria:** Actovegin; Ambotonin; Apoderm; Cerebroslyn; Cerebrotinin; Enzynorm; Medoenzym; Solcoseryl; **Braz.:** Acrosin†; Sukepar†; **Chile:** Renacenz; **Cz.:** Solcoseryl; **Fr.:** Eubio†; **Ger.:** Actinaemy†; Actovegin; Cerebroslyn; Chrysocon; NeyFegan (Revitorgan-Dilutionen Nr 26)†; NeyFegan-Solubile†; NeyPonin (Revitorgan-Dilutionen Nr 5)†; Solcosplen†; Volt†; **Hong Kong:** Actovegin; Cerebroslyn; Levidin; Solcoseryl; **Hung.:** Actovegin; Raveron†; Sirepar†; **India:** Placentrex; **India.:** Solcoseryl; **Italy.:** Cellulin Retinale; Liposom; **Jpn:** Solcoseryl; **Malaysia:** Solcoseryl; **Mex.:** Reposton; **Neth.:** Solcoseryl†; **Philipp.:** Solcoseryl; **Pol.:** Solcoseryl; **Rus.:** Actovegin (Актовегин); Cerebroslyn (Церебросилин); Cortexin (Кортексин); Prostacor (Простакор)†; Prostaitilen (Простатилен); Retinalamin (Ретиналамин); Sirepar (Сирепар); Solcoseryl (Солкосерил); Vitaprost (Витапрост); **S.Afr.:** Enzynorm†; **Singapore:** Solcoseryl; **Spain:** Solcoseryl; **Switz.:** Solcoseryl; **Thai.:** Actovegin†; Cerebroslyn†; Hepavit; Sirepar; Solcoseryl; **USA:** Kutapressin†.

Multi-ingredient: **Arg.:** ITE B12 Forte; Melaget; Pat-Chobet; Solcoseryl Dental†; **Austria:** Bilatin; Intestino; Solcoseryl Dental; Wobe-Mugos; **Belg.:** Grains de Vais; **Braz.:** Boldoepant†; Digestron†; Extrato Hepatico Composto; Extrato Hepatico Vitaminado†; Fol Sang; Hecrosine B12†; Hematiase B12; Hemofor†; Hormo Hepatico†; Lisant†; Lisotox; Olohepat†; Parvutrop; Xantina B12†; Xantimon B12; **Canada.:** ratio-Heracline; **Cz.:** Cerebroslyn; **Ger.:** Enzym-Haragon; Enzynorm f; Factor AF2; Geniapiasma†; Hevert-Enzym Comp; Lomazell forte N†; NeyTumirin (Revitorgan-Lingual Nr 66)†; NeyTumirin N (Revitorgan-Dilutionen N Nr 66)†; polio-melan†; Ribo-Vied†; Solcoseryl Dental; tactu-nerval†; **Hong Kong:** Solcoseryl Dental; **Hung.:** Dipanrin; Neogranorom; **India:** Hepatoglobine; Iberof; Livogent†; Plastules; **India.:** Bioplacenton; Centabio; LaktaFit; Molo-co + B12; Solcoseryl Dental; **Italy.:** Biotrefon Plus; Gastro-Pepsin; **Malaysia:** Solcoseryl Dental; **Mex.:** Cholal Modificado; **NZ:** Movelat†; **Philipp.:** Godex; Solcoseryl Dental; **Port.:** Cerebroslyne; **Rus.:** Solcoseryl Dental (Солкосерил ДЕНТАЛЬНАЯ); **S.Afr.:** Prohep; **Singapore:** Solcoseryl Dental; **Spain:** Hepasomplet B12 Triple†; Hepadif; Policolinosil; Rubrocortin†; **Switz.:** Solcoseryl Dentaire; Zymoplex†; **Thai.:** Solcoseryl Dental; Trinsicon†; **UK:** Hematinic; S.P.H.P; **USA:** Feocyte; FeoGen; Geritonic; I-L-X.

Manuka

New Zealand Tea Tree.

Profile

The oil of manuka (*Leptospermum scoparium*) is used for its antimicrobial properties as an alternative to melaleuca oil (p.2338). It is also used in aromatherapy. Manuka honey has also been used as a wound dressing (p.1948).

References

1. Cooper RA, *et al.* The sensitivity to honey of Gram-positive cocci of clinical significance isolated from wounds. *J Appl Microbiol* 2002; **93**: 857–63.
2. Cooper RA, *et al.* The efficacy of honey in inhibiting strains of *Pseudomonas aeruginosa* from infected burns. *J Burn Care Rehabil* 2002; **23**: 366–70.
3. English HK, *et al.* The effects of manuka honey on plaque and gingivitis: a pilot study. *J Int Acad Periodontol* 2004; **6**: 63–7.

Preparations

Proprietary Preparations (details are given in Part 3)

Multi-ingredient: **UK:** Antiac; Sinose.

Marjoram

Majoranae Herba; Marjolaine; Sweet Marjoram; Ziele majeranku.

NOTE. Distinguish from wild marjoram (see Oregano, p.2357).

Pharmacopoeias. In *Pol.*

Profile

The dried leaves and flowers of marjoram, *Origanum majorana* (*Majorana hortensis*) (Lamiaceae), and the essential oil obtained from them have antibacterial properties. They are used, either separately or in combination, in herbal remedies for a variety of disorders. Marjoram is also used as a culinary herb.

Marjoram oil is used in aromatherapy.