

**Preparations**

**BP 2008:** Benzylamine Cream; Benzylamine Mouthwash; Benzylamine Oromucosal Spray.

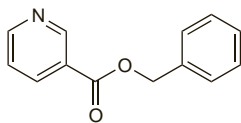
**Proprietary Preparations** (details are given in Part 3)

**Arg.:** Actifedrin; Bencifem; Emex; Sandivil Desleible; **Austral.:** Diffiam; Diffiam Anti-inflammatory Throat Spray; Diffiam Solution; **Austria:** Tantum; Tantum; **Braz.:** Benfligin; Benzitrat; Ciflogex; Eridamin; Flogin-Ped; Flogo Rosa; Flogolab; Flogoral; Fongoral; Neoflogin; **Canad.:** Sun-Benz; Tantum; **Cz.:** Rosalgin; Tantum; **Denm.:** Andolex; **Fr.:** Opalgine; **Ger.:** Tantum Rosa; Tantum Verde; **Gr.:** Tantum; **Hong Kong:** Dantum; Diffiam; Verax; **Hung.:** Tantum Verde; **Indon.:** Tanflex; Tantum; **Irl.:** Diffiam; **Israel:** Easy gel; **Ital.:** Afloben; Benzini; Ginesal; Lagin; Multum; Saniflor Collutorio; Tantum; Verax; Xentafid; **Malaysia:** Diffiam Anti-inflammatory Lozenges; Diffiam Solution; **Mex.:** Artroben; Lonol; Vantal; **Neth.:** Tantum; **NZ:** Diffiam; **Philipp.:** Diffiam; **Pol.:** Hascosept; Tantum; **Port.:** Flogoral; Momen; Rosalgin; Tantum; Tantum Rosa; Tantum Verde; **Rus.:** Tantum Rose (Тантум Роза); Tantum Verde (Тантум Верде); **S.Afr.:** Andolex; **Singapore:** Diffiam; **Spain:** Agliona; Fulgium; Rosalgin; Tantum; Tantum Verde; **Swed.:** Andolex; **Switz.:** Bucco-Tantum; **Thai.:** Diffiam; **Turk.:** Benzidan; Tanflex; Tantum; Temex; **UK:** Diffiam; **Venez.:** Azutan; Bevi Dam; Biozendi; Flodont; Ginacol; Tantum; Tantum Verde; Zydan.

**Multi-ingredient:** **Arg.:** Buchex; Dresan Biotic; Dresan; Emex Duo; Espectocoral; Pentadent; **Austral.:** Diffiam Anti-inflammatory Lozenges with Cough Suppressant; Diffiam Lozenges; Diffiam Mouth Gel; Diffiam-C; Logicin Rapid Relief; **Braz.:** Angino-Rub; **Hong Kong:** Diffiam Anti-inflammatory Lozenges; Diffiam Mouth Gel; Diffiam-C; Logicin Rapid Relief; **Hung.:** Tantum Rosa; **Ital.:** Algolisin; Gola Action; Linea F; Medipus; **Malaysia:** Diffiam Anti-inflammatory Lozenges (with Antibacterial); Diffiam Anti-inflammatory Lozenges (with cough suppressant); Diffiam Mouth Gel; Diffiam-C; **Mex.:** Lonol Sport; **NZ:** Diffiam Cough; Diffiam Mouth Gel; Diffiam-C; **Port.:** Benoral; Gartun; Tantum Verde; **S.Afr.:** Andolex-C; **Singapore:** Diffiam Anti-inflammatory Anti-Bacterial Lozenges; Diffiam Mouth Gel; Diffiam-C; **Spain:** Bristacidina Dental; Dolosarto; Etermol Antitusivo; Mentamida; Prosturo; Tantum; Vinciseptil Otico; **Turk.:** Kloroben; **Venez.:** Amicets; Gencivol Compuesto; Solunovar Compuesto.

**Benzyl Nicotinate**

Benzylnikotinát; Bentsylinikotinääti; Benzil Nikotinát; Benzyl Nicotinas; Nicotinato de bencilo. Benzyl pyridine-3-carboxylate.  $C_{13}H_{11}NO_2 = 213.2$ . CAS — 94-44-0.

**Pharmacopoeias.** In *Ger.***Profile**

Benzyl nicotinate is used in topical preparations as a rubefacient.

**Preparations****Proprietary Preparations** (details are given in Part 3)

**Ger.:** Leukona-Aktiv-Rheumabad; Pernion Thermo Teilbad; Pernion Thermo Vollbad; Pykaryl T; Rubriment; Rubriment-BN.

**Multi-ingredient:** **Arg.:** Butidionaj; Oxa Sport; Pergalen; **Austria:** Am-benat; Derivon; Expectal-Balsam; Igitur-antirheumatische; Igitur-Rheumafu-lid; Menthoneurin; Mobilis plus; Rheumex; Rubizon-Rheumage; Rubri-ment; Thermo-Rheumon; Thrombophob; **Braz.:** Etrat; Trombophob; **Chile:** Bayro-Therm; **Cz.:** Dolo-Rubriment; Rheuma-Salbe; Rubriment-N; Thermo-Rheumon; **Fin.:** Trombosol; **Fr.:** Lumbalgine; **Ger.:** ABC Wärme-Salbe; Ambene N; Arthrodestal N; Auroanal Thermo; Cam-phopin; Capsamol N; Cane Rheuma-Balsam; Cor-Select; DoloVisano Salbe; Emasex-N; Forapin E; Hot Thermo; Lomazell forte N; Lumbolin Thermo; mikanil; Ostochont; Pelvichthol N; Phardol Rheuma; Phardol Wärme-Balsam; Phlogont-Thermal; Praecordin S; Rheu-balmin Thermo; Rheuma-Salbe N; Rheuma-Salbe; Rheumasalbe; Rheu-masan N; Rheumasit; Rubriment; Rubriment-N; Tachynerg Campher Herzsalbe; Thermo-Menthoneurin; Thermo-Rheumon N; Thermo-Rheumon; Thermosenex; Tegal Mobil-Gel; Wärme-Gel; zuk thermo; **Gr.:** Bayolin; Ehrlich; Striafisan; Thermo-Roipon; **Hong Kong:** Salome-thyl; **Hung.:** Bayolin; Thermo-Rheumon; **India:** Separin; KS Hair Tinc-ture; Thrombophob; **Indon.:** Stop X; Thrombophob; Zeropain; **Ital.:** Sa-lonpas; Sloan; **Mex.:** Bayro Termo; **Pol.:** Lumbolin; Thermo-Rheumon; **Port.:** Adrinex; Balsamo Analgesico; Medalgina; **Rus.:** Capsicam (Капсикам); Heparin Ointment (Гепариновая Мазь); **Switz.:** Assan thermo; Demotherm Pommade contre le rhumatisme; Dolo Demotherm; Forapin; Histalgane; Marament-N; Thermo-cutan; **Turk.:** Thermo-Doline; Thermo-Rheumon; Thermo-flex; **UK:** Salonair; **Venez.:** Ehrlich Balsamo.

**Beta-aminopropionitrile**

Aminopropionitrile;  $\beta$ -Aminopropionitrile;  $\beta$ -Aminopropionitri-lo; BAPN. 3-Aminopropionitrile.

Бета-аминопропионитрил

$C_3H_6N_2 = 70.09$ .

CAS — 151-18-8 (beta-aminopropionitrile); 1119-28-4 (beta-aminopropionitrile fumarate). ATC Vet — QM01AX91.

**Profile**

Beta-aminopropionitrile, a lysyl oxidase inhibitor, is an anti-inflammatory used as the fumarate in veterinary medicine for the treatment of tenositis.

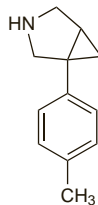
**Bicifadine Hydrochloride** (*USAN, rINN*)

Bicifadina, hidrocloruro de; Bicifadine, Hydrochloride de; Bicifadi-ni Hydrochloridum; CL-220075. ( $\pm$ )-1-p-Tolyl-3-azabicyclo-[3.1.0]hexane hydrochloride.

Бицифадина Гидрохлорид

$C_{12}H_{15}N, HCl = 209.7$ .

CAS — 71195-57-8 (bicifadine); 66504-75-4 (bicifadine hydrochloride).



(bicifadine)

**Profile**

Bicifadine hydrochloride is a novel analgesic under investigation for the treatment of painful conditions including postoperative dental pain.

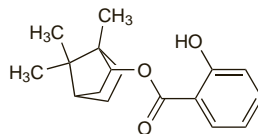
**Bornyl Salicylate**

Borneol Salicylate; Salicilato de bornilo. 2-Hydroxybenzoic acid 1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester.

Борнисалицилат

$C_{17}H_{22}O_3 = 274.4$ .

CAS — 560-88-3.

**Profile**

Bornyl salicylate is a salicylic acid derivative that has been used topically in rubefacient preparations similarly to methyl salicylate (p.85) for the relief of pain in musculoskeletal and joint disorders.

**Preparations****Proprietary Preparations** (details are given in Part 3)

**Multi-ingredient:** **Ger.:** Forapin E; **Switz.:** Forapin; Hygiödemil.

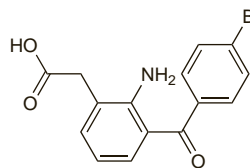
**Bromfenac Sodium** (*USAN, rINN*)

AHR-10282; AHR-10282B; Bromfénac Sodique; Bromfenaco sódico; Natrii Bromfenaco. Sodium [2-amino-3-(p-bromoben-zoyl)phenyl]acetate sesquihydrate.

Натрий Бромфенак

$C_{15}H_{11}BrNNaO_3, 1/2H_2O = 383.2$ .

CAS — 91714-94-2 (bromfenac); 91714-93-1 (brom-fenac sodium); 120638-55-3 (bromfenac sodium).



(bromfenac)

**Profile**

Bromfenac sodium, a phenylacetic acid derivative related to diclofenac (p.44), is an NSAID (p.96). It is instilled twice daily as 0.1% eye drops for ocular pain and inflammation including post-operative inflammation in patients who have undergone cataract extraction. When used postoperatively, it may be started 24 hours after surgery and continued for the next 14 days.

It was formerly given orally in the management of acute pain but was withdrawn from the market after reports of severe and sometimes fatal hepatic failure.

**Effects on the eyes.** Severe corneal melting (ulceration) was seen in 3 patients after topical use of bromfenac sodium.<sup>1</sup> All patients recovered after bromfenac was withdrawn. Similar ef-

fects have been reported with other ophthalmic NSAID preparations; for further details see under Adverse Effects of Diclofenac, p.45.

1. Asai T, *et al.* Three cases of corneal melting after instillation of a new nonsteroidal anti-inflammatory drug. *Cornea* 2006; **25**: 224-7.

**Preparations****Proprietary Preparations** (details are given in Part 3)

**Jpn:** Bronuc; **USA:** Xibrom.

**Bufexamac** (*BAN, rINN*)

Bufeksamaakk; Bufeksamakas; Bufexamaco; Bufexamacum; Bufexamak; Bufexamak. 2-(4-Butoxyphenyl)acetohydroxamic acid.

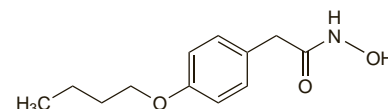
Буфексамак

$C_{12}H_{17}NO_3 = 223.3$ .

CAS — 2438-72-4.

ATC — M01AB17; M02AA09.

ATC Vet — QM01AB17; QM02AA09.

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

**Ph. Eur. 6.2** (Bufexamac). A white or almost white, crystalline powder. Practically insoluble in water; soluble in dimethylformamide; slightly soluble in ethyl acetate and in methyl alcohol. Protect from light.

**Profile**

Bufexamac is an NSAID (p.96) that is applied topically in concentrations of 5% in various skin disorders. Stinging and burning may occur after application; hypersensitivity reactions have been reported.

**Preparations****Proprietary Preparations** (details are given in Part 3)

**Arg.:** Parfenac; **Austral.:** Paraderm; **Austria:** Bufex; Bufexan; Droxaryl; Parfenac; **Belg.:** Bufexine; Droxaryl; **Cz.:** Droxaryl; **Fr.:** Parfenac; **Ger.:** Bufederm; duradermal; Haemo-Exhirud; Bufexamac; Jomax; Malipur; Parfenac; Vindol; **Ital.:** Fansamac; Vafen; **Neth.:** Droxaryl; Parfenac; **Port.:** Parfenac; **Switz.:** Parfenac.

**Multi-ingredient:** **Austral.:** Paraderm Plus; Resolve; **Austria:** Droxaryl; **Cz.:** Mastu S; **Ger.:** Faktu akut; Hamo-ratiopharm N; Hamoagil plus; Mastu S; **Hong Kong:** Fungo Soothing Balm; Mastu S; **Hung.:** Mastu S; **NZ:** Paraderm Plus; **Rus.:** Proctosan (Проктозан); **Thai.:** Mastu S.

**Bumadizone Calcium** (*rINN*)

Bumadizona cálcica; Bumadizone Calcique; Calcii Bumadizonum. Calcium 2-(1,2-diphenylhydrazinocarbonyl)hexanoate hemihydrate.

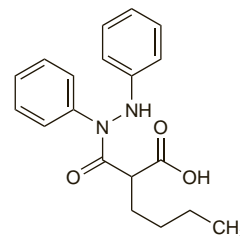
Кальций Бумадизон

$(C_{19}H_{21}N_2O_3)_2Ca, 1/2H_2O = 699.8$ .

CAS — 3583-64-0 (bumadizone); 34461-73-9 (bumadizone calcium).

ATC — M01AB07.

ATC Vet — QM01AB07.



(bumadizone)

**Profile**

Bumadizone calcium is an NSAID (p.96) that is metabolised to phenylbutazone (p.117) and oxyphenbutazone (p.107). Use has been limited by the risk of agranulocytosis and other haematological adverse effects.

**Preparations****Proprietary Preparations** (details are given in Part 3)

**Mex.:** Desiflam.