

combination preparations with antihistamines and decongestants for the symptomatic relief of symptoms of the common cold.

## References.

1. Sur S, *et al.* A random double-blind trial of the combination of nebulized atropine methylnitrate and albuterol in nocturnal asthma. *Ann Allergy* 1990; **65**: 384–8.
2. Vichayanond P, *et al.* Efficacy of atropine methylnitrate alone and in combination with albuterol in children with asthma. *Chest* 1990; **98**: 637–42.

## Preparations

**BP 2008:** Atropine Eye Drops; Atropine Eye Ointment; Atropine Injection; Atropine Tablets; Morphine and Atropine Injection;

**USP 31:** Atropine Sulfate Injection; Atropine Sulfate Ophthalmic Ointment; Atropine Sulfate Ophthalmic Solution; Atropine Sulfate Tablets; Diphenoxylate Hydrochloride and Atropine Sulfate Oral Solution; Diphenoxylate Hydrochloride and Atropine Sulfate Tablets.

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

**Arg.:** Endotropina; Klonotropina; **Austral.:** Atrop; **Belg.:** Stellatropine; **Braz.:** Atropin; Sulfatina†; **Canad.:** Atropisol†; **Fin.:** Oftan Atropin†; **Ger.:** Atropinol†; Dysurgal; **India:** Bell Pino-Atrin; **Indon.:** Isotic Cycloma; **Israel:** Atrospan; **Malaysia:** Atrop; **Mex.:** Atro Grin†; Atro Ofteno; Atropisa; Tropin; **NZ:** Atrop; **Port.:** Atrop; **Switz.:** Bellafit N; Skiatropin†; **Turk.:** Atrosol; **USA:** AtroPen; Ocu-Tropine; Sal-Tropine; **Venez.:** Atropicel†.

**Multi-ingredient Arg.:** Asmopul†; Otorinazol†; Saldeva†; Trixol†; Yanal; **Austral.:** Donnagel; Donnalex; Donnatab; Neo-Diophen†; **Austria:** Causat; Ichtho-Bellol; Lactolavol; Myocardin; **Braz.:** Espasmocron; Neogren; Ormigren; Sedabel†; Tonaton; Vagostesyl; **Chile:** Buton; Dipatropin; Dispasamol†; Dolospam; Papatropin†; **Cz.:** Spasmoveralgin Neo†; **Ger.:** Ichtho-Bellol compositum S†; Ichtho-Bellol†; Mydrial-Atropin†; **Hong Kong:** Virulex Forte; **Hung.:** Meristin†; **India:** Atrnsol; Brovon; Pino-Cort; **Indon.:** Aludonna; **Israel:** Patropin; Spasmalgin; **Ital.:** Cardiotenol; Deltamadrina; Genatrop; **Mex.:** Palliatil; Redotex; Redotex NF; **Pol.:** Tolargin; **Port.:** Cosmaxil†; **S.Afr.:** Colstat; Donnatal; Famucaps; Millerspas; Virobis†; **Spain:** Abdominol; Midriati; Sulmetin Papaver; Sulmetin Papaverina†; Tabletás Quimpe; **Swed.:** Dilaudid-Atropin; **Switz.:** Dilaudid-Atropin†; Dolopyrine†; Nardy†; Spasmosol; **Thai.:** Alkamine; Alumag; Alupep; Donnatal†; Droximagd†; Stomac; **UK:** Actonorm; Brovon; Nerve Agent Antidote L4A1; Valonorm; **USA:** Accuhist LA†; Alkabel; Antispasmodic Elixir; Atrostep; Barbidonna†; Bellahist-D; Bellatal; Dolsed†; Donnatal; DuoDote; Emergent-Ez; Hyosphen; MHP-A; Prosed/DS; Stahist; Susano; Trac Tabs 2X†; UAA; Uridon Modified†; Urised; Uriseptic; Uritact; **Venez.:** Butropina; Carbargal con Atropina; Eumidral; Fenopol†.

Used as an adjunct in: **Austral.:** Lofenoxal; Lomotil; **Braz.:** Colestase; Lomotil; **Canad.:** Lomotil; **Cz.:** Reasec; **Fr.:** Diarsed; **Hong Kong:** Dhamotil; Dimotil; Lomotil; **Hung.:** Reasec; **India:** Lomofen; Lomotil; **Ir.:** Lomotil; **Malaysia:** Atrotit; Beamotil; Dhamotil; Lomotil†; Setmotil†; **NZ:** Diastop; Lomotil†; **Pol.:** Reasec; **Port.:** Lomotil†; **S.Afr.:** Lomotil; **Singapore:** Beamotil; Dhamotil; Lomotil; Remotil†; **Thai.:** Dilomil†; Lomotil; **Turk.:** Lomotil; **UAE:** Intard; **UK:** Dymotil; Lomotil; **USA:** Enlon-Plus†; Logen; Lomotil; Lonox; Motofen; Neostigmine Min-I-Mix; **Venez.:** Lomotil†.

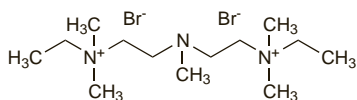
## Azamethonium Bromide (BAN, rINN)

Azamethonii Bromidum; Azaméthonium, Bromure d'; Bromuro de azametonio; Pentamethazene Bromide; Pentaminum, 2,2'-Methyliminobis(diethylidimethylammonium) dibromide.

Азаметония Бромид

$C_{13}H_{33}Br_2N_3 = 391.2$ .

CAS — 60-30-0 (azamethonium); 306-53-6 (azamethonium bromide).



## Profile

Azamethonium bromide is a ganglion blocker used in the treatment of hypertension.

## Azapetine Phosphate (BANM)

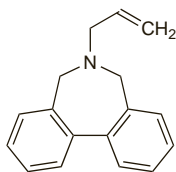
Atsapetinofosfaatti; Azapethine Phosphate; Azapetinfosfat; Azepine Phosphate; Ro-2-3248. 6-Allyl-6,7-dihydro-5H-dibenz[*c,e*]azepine dihydrogen phosphate.

$C_{17}H_{17}N_2H_3PO_4 = 333.3$ .

CAS — 146-36-1 (azapetine); 130-83-6 (azapetine phosphate).

ATC — C04AX30.

ATC Vet — QC04AX30.



(azapetine)

## Profile

Azapetine is a vasodilator that has been used, as the phosphate, in peripheral vascular disorders.

## Preparations

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

**Mex.:** Perdil.

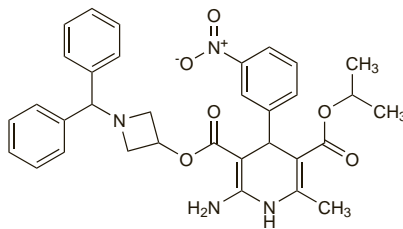
## Azelnidipine (rINN)

Azelnidipino; Azelnidipinum; CS-905. 3-[1-(Diphenylmethyl)-3-azetidiny] 5-isopropyl (±)-2-amino-1,4-dihydro-6-methyl-4-(*m*-nitrophenyl)-3,5-pyridinedicarboxylate.

АзЕЛНИДИПИН

$C_{33}H_{34}N_4O_6 = 582.6$ .

CAS — 123524-52-7.



## Profile

Azelnidipine is a long-acting dihydropyridine calcium-channel blocker used in the management of hypertension.

## ♦ Reviews.

1. Wellington K, Scott LJ. Azelnidipine. *Drugs* 2003; **63**: 2613–21.

## Azimilide Hydrochloride (BANM, rINN)

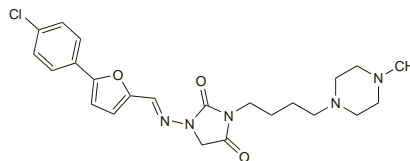
Azimilide, Chlorhydrate d'; Azimilide Dihydrochloride (USAN); Azimilidi Hydrochloridum; Hidrocloruro de azimilida; NE-10064.

1-[[5-(*p*-Chlorophenyl)furfurylidene]amino]-3-[4-(4-methyl-1-piperazinyl)butyl]hydantoin dihydrochloride.

АЗИМИЛИДА Гидрохлорид

$C_{23}H_{28}ClN_5O_3 \cdot 2HCl = 530.9$ .

CAS — 149908-53-2 (azimilide); 149888-94-8 (azimilide hydrochloride).



(azimilide)

## Profile

Azimilide hydrochloride is a class III antiarrhythmic (p.1153) being studied in the management of supraventricular arrhythmias. It has also been tried in ventricular arrhythmias.

## ♦ References.

1. Clemett D, Markham A. Azimilide. *Drugs* 2000; **59**: 271–7.
2. Pritchett ELC, *et al.* Effects of azimilide on heart rate and ECG conduction intervals during sinus rhythm in patients with a history of atrial fibrillation. *J Clin Pharmacol* 2002; **42**: 388–94.
3. Connolly SJ, *et al.* Symptoms at the time of arrhythmia recurrence in patients receiving azimilide for control of atrial fibrillation or flutter: results from randomized trials. *Am Heart J* 2003; **146**: 489–93.
4. Singer I, *et al.* Azimilide decreases recurrent ventricular tachyarrhythmias in patients with implantable cardioverter defibrillators. *J Am Coll Cardiol* 2004; **43**: 39–43.
5. Camm AJ, *et al.* Mortality in patients after a recent myocardial infarction: a randomized, placebo-controlled trial of azimilide using heart rate variability for risk stratification. *Circulation* 2004; **109**: 990–6.
6. Dorian P, *et al.* Placebo-controlled, randomized clinical trial of azimilide for prevention of ventricular tachyarrhythmias in patients with an implantable cardioverter defibrillator. *Circulation* 2004; **110**: 3646–54.
7. Pritchett ELC, *et al.* Antiarrhythmic efficacy of azimilide in patients with atrial fibrillation: maintenance of sinus rhythm after conversion to sinus rhythm. *Am Heart J* 2006; **151**: 1043–9.
8. Kerr CR, *et al.* Efficacy of azimilide for the maintenance of sinus rhythm in patients with paroxysmal atrial fibrillation in the presence and absence of structural heart disease. *Am J Cardiol* 2006; **98**: 215–18.
9. Pratt CM, *et al.* Cumulative experience of azimilide-associated torsades de pointes ventricular tachycardia in the 19 clinical studies comprising the azimilide database. *J Am Coll Cardiol* 2006; **48**: 471–7.
10. Lombardi F, *et al.* Azimilide vs. placebo and sotalol for persistent atrial fibrillation: the A-COMET-II (Azimilide-CardioOver-sin MaintEnance Trial-II) trial. *Eur Heart J* 2006; **27**: 2224–31.

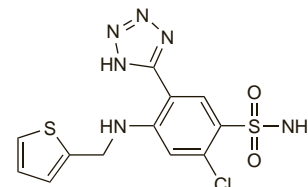
## Azosemide (USAN, rINN) ⊗

Azosemida; Azosémide; Azosemidum; BM-02001; Ple-1053. 2-Chloro-5-(1H-tetrazol-5-yl)-4-(2-thenylamino)benzenesulphonamide.

АзоСЕМИД

$C_{12}H_{11}ClN_6O_2S_2 = 370.8$ .

CAS — 27589-33-9.



## Profile

Azosemide is a diuretic with actions similar to those of furosemide (p.1292) that has been used in the management of oedema.

## Bamethan Sulfate (USAN, rINN)

Bametanu siarczan; Baméthan, Sulfate de; Bamethan Sulphate (BANM); Bamethani Sulfas; Sulfato de bametan. 2-Butylamino-1-(4-hydroxyphenyl)ethanol sulfate.

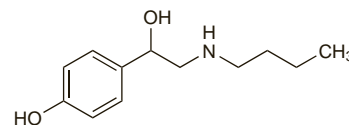
Баметана Сульфат

$(C_{12}H_{19}NO_2)_2 \cdot H_2SO_4 = 516.6$ .

CAS — 3703-79-5 (bamethan); 5716-20-1 (bamethan sulfate).

ATC — C04AA31.

ATC Vet — QC04AA31.



(bamethan)

Pharmacopoeias. In *Jpn* and *Pol*.

## Profile

Bamethan sulfate is a vasodilator used in the management of peripheral vascular disorders.

Bamethan nicotinate and bamethan succinate have been used similarly.

## Preparations

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

**Arg.:** Dilartan; **Braz.:** Vasculat; **Ger.:** Emasex A†.

**Multi-ingredient Arg.:** Flaval; Grafic Forte; Vefluxan†; **Fr.:** Escinogel†; **Ger.:** Emasex-N†; Medgel†.

## Barnidipine Hydrochloride (rINN)

Barnidipine, Chlorhydrate de; Barnidipini Hydrochloridum; Hidrocloruro de barnidipine; LY-198561; Mepirodipine Hydrochloride; YM-730; YM-09730-5. (+)-(3'S,4'S)-1-Benzyl-3-pyrrolidiny methyl 1,4-dihydro-2,6-dimethyl-4-(*m*-nitrophenyl)-3,5-pyridinedicarboxylate hydrochloride.

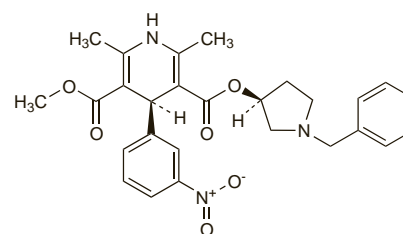
БарниДИПИНА Гидрохлорид

$C_{27}H_{29}N_3O_6 \cdot HCl = 528.0$ .

CAS — 104713-75-9 (barnidipine); 104757-53-1 (barnidipine hydrochloride).

ATC — C08CA12.

ATC Vet — QC08CA12.



(barnidipine)