

**Pranoprofen** (*rINN*)

Pranoprofène; Pranoprofeno; Pranoprofenum.  $\alpha$ -Methyl-5H-[1]-benzopyrano[2,3-b]pyridine-7-acetic acid.

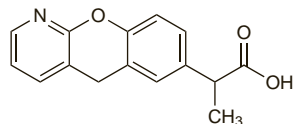
Пранопрофен

$C_{15}H_{13}NO_3 = 255.3$ .

CAS — 52549-17-4.

ATC — S01BC09.

ATC Vet — Q501BC09.



**Pharmacopoeias.** In *Jpn*.

**Profile**

Pranoprofen, a propionic acid derivative, is an NSAID (p.96). It is used as eye drops in a concentration of 0.1% for ocular inflammation. Pranoprofen has also been given orally for the treatment of pain, inflammation, and fever.

## ♦ References.

1. Notivol R, *et al.* Treatment of chronic nonbacterial conjunctivitis with a cyclo-oxygenase inhibitor or a corticosteroid. *Am J Ophthalmol* 1994; **117**: 651–6.

**Preparations**

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

**Belg.:** Pranox; **Braz.:** Difery; **Gr.:** Pranofen; **Ital.:** Oftalar; Pranoflog; **Jpn.:** Niflan; **Port.:** Oftalar; **Spain:** Oftalar; **Turk.:** Oftalar.

**Proglumetacin Maleate** (*BANM, rINNM*)

CR-604; Maleato de proglumetacina; Proglumétacine, Maléate de; Proglumetacinum Maleas; Protacine Maleate. 3-{4-[2-(1-*p*-Chlorobenzoyl-5-methoxy-2-methylindol-3-ylacetoxy)ethyl]piperazin-1-yl}propyl 4-benzamido-*N,N*-dipropylglutamate di-maleate.

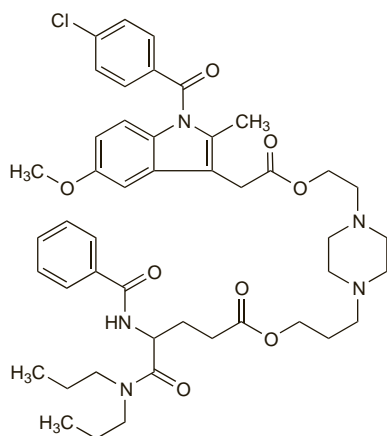
Прогулметацина Малеат

$C_{46}H_{58}ClN_5O_8 \cdot 2C_4H_4O_4 = 1076.6$ .

CAS — 57132-53-3 (proglumetacin); 59209-40-4 (proglumetacin maleate).

ATC — M01AB14.

ATC Vet — QM01AB14.



(proglumetacin)

**Profile**

Proglumetacin maleate, an indoleacetic acid derivative related to indometacin (p.66), is an NSAID (p.96). It has been used in musculoskeletal and joint disorders in oral doses of up to 600 mg daily, in divided doses. Proglumetacin maleate has also been given as rectal suppositories and topically as a 5% cream.

## ♦ References.

1. Appelboom T, Franchimont P. Proglumetacin versus indometacin in rheumatoid arthritis: a double-blind multicenter study. *Adv Therapy* 1994; **11**: 228–34.
2. Martens M. Double-blind randomized comparison of proglumetacin and naproxen sodium in the treatment of patients with ankle sprains. *Curr Ther Res* 1995; **56**: 639–48.

**Preparations**

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

**Arg.:** Alaidol†; Bruxel; **Belg.:** Tolindol; **Chile:** Afloxan†; **Ger.:** Protaxon; **Hong Kong:** Afloxan; **Ital.:** Afloxan; Proxil; **Jpn.:** Mirindacin; **Philipp.:** Afloxan; **Port.:** Protaxil; **Spain:** Prodromox; **Thai.:** Afloxan.

**Propacetamol Hydrochloride** (*BANM, rINNM*)

Hidrocloruro de propacetamol; Propacétamol, chlorhydrate de; Propacetamol-hidroklorid; Propacetamol-hydrochlorid; Propacetamolhidroklorid; Propacetamol hydrochloridum; Propacetamolio hidrokloridas; Propacetamolihydrochloridi. The hydrochloride of *N,N*-diethylglycine ester with paracetamol; 4-Acetamidophenyl diethylaminoacetate hydrochloride.

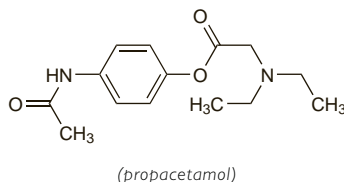
Проацетамола Гидрохлорид

$C_{14}H_{20}N_2O_3 \cdot HCl = 300.8$ .

CAS — 66532-85-2 (propacetamol).

ATC — N02BE05.

ATC Vet — QN02BE05.



(propacetamol)

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

**Ph. Eur. 6.2** (Propacetamol Hydrochloride). A white or almost white crystalline powder. Freely soluble in water; slightly soluble in dehydrated alcohol; practically insoluble in acetone. Protect from moisture.

**Profile**

Propacetamol hydrochloride, a para-aminophenol derivative, is hydrolysed to paracetamol (p.108) in the plasma. It has been given intramuscularly or intravenously in usual doses of 1 to 2 g every 4 hours up to 4 times daily if necessary, to a maximum dose of 8 g daily, for the treatment of pain (see Choice of Analgesic, p.2) and fever (p.10). For doses in children, see below.

**Administration in children.** In some countries propacetamol is used intravenously in the treatment of pain and fever in neonates and children.<sup>1,2</sup> Doses range from 20 to 30 mg/kg given over 15 minutes up to 4 times daily, not exceeding a maximum daily dose of 120 mg/kg propacetamol (equivalent to a daily dose of 60 mg/kg of paracetamol).

1. Allegaert K, *et al.* Pharmacokinetics of single dose intravenous propacetamol in neonates: effect of gestational age. *Arch Dis Child Fetal Neonatal Ed* 2004; **89**: F25–F28.
2. Watson PD, *et al.* Antipyretic efficacy and tolerability of a single intravenous dose of the acetaminophen prodrug propacetamol in children: a randomized, double-blind, placebo-controlled trial. *Clin Ther* 2006; **28**: 762–9.

**Adverse effects.** Occupational contact dermatitis has been reported in healthcare professionals after preparing injections of propacetamol.<sup>1–3</sup>

Propacetamol is the hydrochloride of *N,N*-diethylglycine ester with paracetamol and the results of a study<sup>4</sup> have suggested that allergic reactions to propacetamol are related to sensitisation to the activated ester rather than to paracetamol itself.

1. Barbaud A, *et al.* Occupational allergy to propacetamol. *Lancet* 1995; **346**: 902.
2. Szczurko C, *et al.* Occupational contact dermatitis from propacetamol. *Contact Dermatitis* 1996; **35**: 299–301.
3. Gielen K, *et al.* Occupational allergic contact dermatitis from drugs in healthcare workers. *Contact Dermatitis* 2001; **45**: 273–9.
4. Berl V, *et al.* Mechanism of allergic contact dermatitis from propacetamol: sensitization to activated *N,N*-diethylglycine. *Contact Dermatitis* 1998; **38**: 185–8.

**Preparations**

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

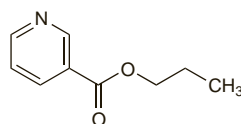
**Belg.:** Pro-Dafalgant†; **Denm.:** Pro-Dafalgant†; **Fin.:** Pro-Dafalgant†; **Gr.:** Pro-Dafalgan; Pro-depont†; **Israel:** Analget; Cefalgine; Gardan P; Krople Zoladkowie; Pabialgin P; Saridon; **Port.:** Avamigran†; Optalidon; Saridon N; **Mex.:** Temptra†; **Norw.:** Pro-Dafalgant†; **Spain:** Pro-Efferalgant†; **Swed.:** Pro-Dafalgant†; **Switz.:** Pro-Dafalgant†.

**Propyl Nicotinate**

Nicotinato de propilo.

$C_9H_{11}NO_2 = 165.2$ .

CAS — 7681-15-4.

**Profile**

Propyl nicotinate is used in topical preparations as a rubefacient.

**Preparations**

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

**Ger.:** Elacur; Nicodant†.

**Propyphenazone** (*BAN, rINN*)

Isopropylantipyrine; Isopropylantipyrinum; Isopropylphenazone; Propifenazon; Propifenazona; Propifenazonas; Propyfenatsoni; Propyfenazon; Propyphenazone; Propyphenazonum. 4-Isopropyl-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one.

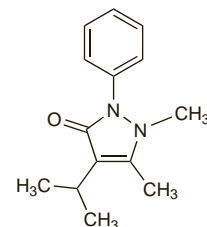
Пропифеназон

$C_{14}H_{16}N_2O = 230.3$ .

CAS — 479-92-5.

ATC — N02BB04.

ATC Vet — QN02BB04.



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

**Ph. Eur. 6.2** (Propyphenazone). A white or slightly yellowish crystalline powder. Slightly soluble in water; freely soluble in alcohol and in dichloromethane. Protect from light.

**Profile**

Propyphenazone, a pyrazolone derivative related to phenazone (p.116), has analgesic and antipyretic properties. It has been given orally and as a rectal suppository in the treatment of pain and fever. The usual oral adult dose is 0.5 to 1 g up to four times daily. There have been some reports of severe hypersensitivity reactions in patients receiving propyphenazone.

**Porphyria.** Propyphenazone has been associated with acute attacks of porphyria and is considered unsafe in porphyric patients.

**Preparations**

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

**Austria:** Dim-Antos; **Ger.:** Demex; Eufibron†; Hewedolor propyl†; Isoprochin P†.

**Multi-ingredient:** **Arg.:** Algio-Bladur†; Espasmo Cibalena; Saridon; **Austria:** Adolorin; APA; Avamigran; Coldagrippin; Contraforte†; Eu-Med; Gewadal; Melabon; Migradon; Montamed; Nervan; Rapidol; Saridon; Spasmo-plus; Tonopan; Toximer; Vivimed; Waldheim Influvidon; Waldheim Schmerztabletten; **Belg.:** Kranit Nova†; Optalidon†; Saridon†; Spasmo-plus†; **Braz.:** Saridon; Tonopan; **Chile:** Abalgine; Droxel; Espasmo Cibalgina; Espasmo Cibalgina Compuesta; Feminosan†; Gripasan Compuesto; Immediat†; SAE; **Cz.:** Saridon; Spasmoalgin Neo†; Valetol; **Denm.:** Kodamid; **Ger.:** Avamigran N†; Cibalgine Compositum N†; Copyrkal N†; Ergo-Kranit†; Eudorlin†; Fomagriffin N†; Ichtho-Bellol compositum S†; Migrane-Kranit Duo†; Migrane-Kranit N†; Migratan S†; Norgesic N†; Optalidon N†; Optalidon special NOC†; RubiNex spezial†; Saridon; Schworalgin; Spasmo-Cibalgine S†; Titratta S†; **Hong Kong:** Epizon†; Saridon; Tonerin†; **Hung.:** Saridon; Trinell P†; **Indon.:** Butamidon; Cetapyrin; Enkapyrin; Migran; Paramex; Saridon; **Ital.:** Cistalgan; Influrem†; Influvit; Micranet†; Mindol-Merck†; Neo-Optalidon; Odontalgico Dr. Knapp con Vit. B1; Optalidon; Saridon; Sedol; Spasmo-Cibalgine†; Spasmo-plus; Uniplus; Veramon; **Mex.:** Espasmo Cibalgina; Tonopan; **Neth.:** Daro Hoofdpijnpoeders; Kruiddat; Para-don; Sanalgine; Saridon; **Pol.:** Analget; Cefalgine; Gardan P; Krople Zoladkowie; Pabialgin P; Saridon; **Port.:** Avamigran†; Optalidon; Saridon N; **Rus.:** Caffetin (Каффетин); Coffedon (Кофедон); Gewadal (Гевадол); Kofan (Кофан); Saridon (Саридон); **S.Afr.:** Ilvico; **Spain:** Abdominol; Calmoplex; Dolodens; Flexagil†; Hubergrip†; Melabon; Meloka; Optalidon; Quimpeador; Saridon; Sedalmerck†; Sulmetin Papaver; Sulmetin Papaverina†; Tablettes Quimpe; Tonopan; **Switz.:** Barbamint; Caposant†; Cerebro†; Comprimes analgésiques "S"†; Dialgine forte†; Dolopyrinet†; Dolostop†; Escalgine sans codeine†; Escogripp sans codeine; Gewodine†; Nicaphlogyl†; Saridon†; Seranex sans codeine†; Sinedal†; Spasmo-Barbamint†; Spasmo-Barbamine compositum†; Spasmo-Cibalgine comp†; Spasmo-Cibalgine†; Spedalgine sans codeine†; Tonopan†; **Turk.:** Aljli; Biotpan; Minoset Plus; Panalgine.

**Proquazone** (*BAN, USAN, rINN*)

43-715; Procuazona; Proquazon; Prokvatsoni; Prokvazon; Proquazonum; RU-43-715-n. 1-Isopropyl-7-methyl-4-phenylquinazolin-2(1H)-one.

Проквазон

$C_{18}H_{18}N_2O = 278.3$ .

CAS — 22760-18-5.

ATC — M01AX13.

ATC Vet — QM01AX13.

