

Halcinonide (BAN, USAN, rINN) ⊗

Alcinonide; Halcinonid; Halcinónida; Halcinonidum; Halsinonid; Halsinonidi; SQ-18566. 21-Chloro-9 α -fluoro-11 β -hydroxy-16 α ,17 α -isopropylidenedioxypregn-4-ene-3,20-dione.

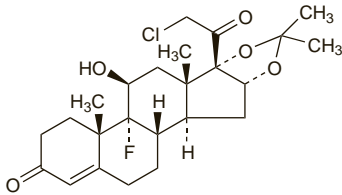
Гальцинонид

$C_{24}H_{32}ClFO_5 = 455.0$.

CAS — 3093-35-4.

ATC — D07AD02.

ATC Vet — QD07AD02.



Pharmacopoeias. In *Chin.* and *US*.

USP 31 (Halcinonide). A white to off-white, odourless, crystalline powder. Insoluble in water and in hexanes; slightly soluble in alcohol and in ether; soluble in acetone and in chloroform.

Profile

Halcinonide is a corticosteroid used topically for its glucocorticoid activity (p.1490) in the treatment of various skin disorders. It is usually used as a 0.1% cream, lotion, or ointment.

When applied topically, particularly to large areas, when the skin is broken, or under occlusive dressings, corticosteroids may be absorbed in sufficient amounts to cause systemic effects (p.1490). The effects of topical corticosteroids on the skin are described on p.1492. For recommendations concerning the correct use of corticosteroids on the skin, and a rough guide to the clinical potencies of topical corticosteroids, see p.1497.

Preparations

USP 31: Halcinonide Cream; Halcinonide Ointment; Halcinonide Topical Solution.

Proprietary Preparations (details are given in Part 3)

Austria: Halog; **Braz.:** Halog; **Canad.:** Halog; **Cz.:** Betacorton; **Ger.:** Halog†; **Hong Kong:** Halog; **India:** Cortilate; **Indon.:** Halog; **Ital.:** Halciderm; **Mex.:** Dermalog; **Spain:** Halog; **Switz.:** Betacortone; **Turk.:** Volog; **UK:** Halciderm†; **USA:** Halog; **Venez.:** Halog.

Multi-ingredient: **Cz.:** Betacorton S; Betacorton U; **Ger.:** Halog Tri†; **India:** Cobederm-H; Cortilate-S; **Ital.:** Anfocort; Halciderm; Halciderm Comb; **Mex.:** Dermalog-C; **Switz.:** Betacortone; Betacortone S; **Turk.:** Betacorton; **Venez.:** Halcomb; Halog.

Halometasone (rINN) ⊗

C-48401-Ba; Halometason; Halometasona; Halométašone; Halometasoni; Halometasonum; Halometazon; Halometasone. 2-Chloro-6 α ,9 α -difluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione.

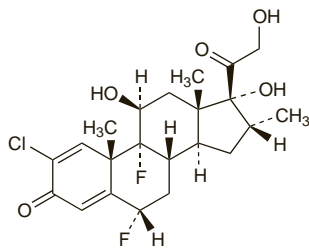
Галометазон

$C_{22}H_{27}ClF_2O_5 = 444.9$.

CAS — 50629-82-8.

ATC — D07AC12.

ATC Vet — QD07AC12.

**Profile**

Halometasone is a corticosteroid used topically for its glucocorticoid activity (p.1490) in the treatment of various skin disorders. It is usually used as a cream containing 0.05% of halometasone monohydrate.

When applied topically, particularly to large areas, when the skin is broken, or under occlusive dressings, corticosteroids may be absorbed in sufficient amounts to cause systemic effects (p.1490). The effects of topical corticosteroids on the skin are described on p.1492. For recommendations concerning the correct use of corticosteroids on the skin, see p.1497.

The symbol † denotes a preparation no longer actively marketed

Preparations

Proprietary Preparations (details are given in Part 3)

Austria: Sicorten; **Belg.:** Sicorten†; **Ger.:** Sicorten†; **Hong Kong:** Sicorten; **Neth.:** Sicorten†; **Port.:** Sicorten†; **Spain:** Sicorten; **Switz.:** Sicorten; **Turk.:** Sicorten.

Multi-ingredient: **Ger.:** Sicorten Plus; **Hong Kong:** Sicorten Plus†; **Israel:** Sicorten Plus†; **Port.:** Sicorten Plus†; **Spain:** Sicorten Plus; **Switz.:** Sicorten Plus; **Venez.:** Sicorten Plus†.

Hydrocortisone (BAN, rINN) ⊗

Anti-inflammatory Hormone; Compound F; Cortisol; Hidrocortisona; Hidrokortizon; Hidrokortizonas; Hydrocortisonum; Hydrokortison; Hydrokortisoni; Hydrokortizon; 17-Hydroxycorticosterone; NSC-10483. 11 β ,17 α ,21-Trihydroxypregn-4-ene-3,20-dione.

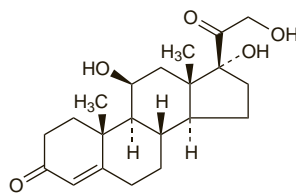
Гидрокортизон

$C_{21}H_{30}O_5 = 362.5$.

CAS — 50-23-7.

ATC — A01AC03; A07EA02; C05AA01; D07AA02; H02AB09; S01BA02; S02BA01.

ATC Vet — QA01AC03; QA07EA02; QC05AA01; QD07AA02; QD07XA01; QH02AB09; QSO1BA02; QSO1CB03; QSO2BA01.



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

Ph. Eur. 6.2 (Hydrocortisone). A white or almost white, crystalline powder. It shows polymorphism. Practically insoluble in water; sparingly soluble in alcohol and in acetone; slightly soluble in dichloromethane. Protect from light.

USP 31 (Hydrocortisone). A white to practically white, odourless, crystalline powder. Very slightly soluble in water and in ether; soluble 1 in 40 of alcohol and 1 in 80 of acetone; slightly soluble in chloroform. Store at a temperature of 25°, excursions permitted between 15° and 30°.

Hydrocortisone Acetate (BANM, rINNM) ⊗

Acetato de hidrocortisona; Cortisol Acetate; Hidrokortizon Asetat; Hidrokortizon-acetát; Hidrokortizono acetatas; Hydrocortisone, acetate d'; Hydrocortisoni acetatas; Hydrocortisonacetat; Hydrokortison-acetát; Hydrokortisoniasetatti; Hydrokortizonu octan. Hydrocortisone 21-acetate.

Гидрокортизона Ацетат

$C_{23}H_{32}O_6 = 404.5$.

CAS — 50-03-3.

ATC — A01AC03; A07EA02; C05AA01; D07AA02; H02AB09; S01BA02; S02BA01.

ATC Vet — QA01AC03; QA07EA02; QC05AA01; QD07AA02; QH02AB09; QSO1BA02; QSO2BA01.

NOTE. HCOR is a code approved by the BP 2008 for use on single unit doses of eye drops containing hydrocortisone acetate where the individual container may be too small to bear all the appropriate labelling information.

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

Ph. Eur. 6.2 (Hydrocortisone Acetate). A white or almost white, crystalline powder. Practically insoluble in water; slightly soluble in dehydrated alcohol and in dichloromethane. Protect from light.

USP 31 (Hydrocortisone Acetate). A white to practically white, odourless, crystalline powder. Insoluble in water; soluble 1 in 230 of alcohol and 1 in 200 of chloroform.

Hydrocortisone Buteptrate (BANM, rINNM) ⊗

Buteptrato de hidrocortisona; Hydrocortisone, Butéprate d'; Hydrocortisone Butyrate Propionate; Hydrocortisone Probutate (USAN); Hydrocortisoni Buteptras; TS-408. Hydrocortisone 17-butyrate 21-propionate.

Гидрокортизона Бутепрат

$C_{28}H_{40}O_7 = 488.6$.

CAS — 72590-77-3.

ATC — D07AB11.

ATC Vet — QD07AB11.

Hydrocortisone Butyrate (BANM, USAN, rINNM) ⊗

Butirato de hidrocortisona; Cortisol Butyrate; Hidrokortizon Bütirat; Hydrocortisone, Butyrate d'; Hydrocortisoni Butiras. Hydrocortisone 17 α -butyrate.

Гидрокортизона Бутират

$C_{25}H_{36}O_6 = 432.5$.

CAS — 13609-67-1.

ATC — D07AB02.

ATC Vet — QD07AB02.

Pharmacopoeias. In *Chin.*, *Jpn.*, and *US*.

USP 31 (Hydrocortisone Butyrate). A white to practically white, practically odourless crystalline powder. Practically insoluble in water; soluble in alcohol, in acetone, and in methyl alcohol; freely soluble in chloroform; slightly soluble in ether.

Hydrocortisone Cipionate (BANM, rINNM) ⊗

Cipionato de hidrocortisona; Cortisol Cypionate; Hydrocortisone, Cipionate d'; Hydrocortisone Cyclopentylpropionate; Hydrocortisone Cypionate; Hydrocortisoni Cipionas. Hydrocortisone 21-(3-cyclopentylpropionate).

Гидрокортизона Ципионат

$C_{29}H_{42}O_6 = 486.6$.

CAS — 508-99-6.

ATC — A01AC03; A07EA02; C05AA01; D07AA02; H02AB09; S01BA02; S02BA01.

ATC Vet — QA01AC03; QA07EA02; QC05AA01; QD07AA02; QH02AB09; QSO1BA02; QSO2BA01.

Hydrocortisone Hydrogen Succinate

(BANM, rINNM) ⊗

Cortisol Hemisuccinate; Hydrogenosuccinato de hidrocortisona; Hidrokortizon-hidrogén-szukinát; Hidrokortizono hemisukcinatas; Hydrocortisone Hemisuccinate; Hydrocortisone, Hémissuccinate d'; Hydrocortisone, hidrogénosuccinate d'; Hydrocortisone Succinate; Hydrocortisoni Hemisuccinas; Hydrocortisoni hydrogenosuccinas; Hydrokortison-hydrogen-sukcinát; Hydrokortisonivetyksuinaatti; Hydrokortisonvatesuccinat. Hydrocortisone 21-(hydrogen succinate).

Гидрокортизона Гемисукцинат

$C_{25}H_{34}O_8 = 462.5$.

CAS — 2203-97-6 (anhydrous hydrocortisone hydrogen succinate); 83784-20-7 (hydrocortisone hydrogen succinate monohydrate).

ATC — A01AC03; A07EA02; C05AA01; D07AA02; H02AB09; S01BA02; S02BA01.

ATC Vet — QA01AC03; QA07EA02; QC05AA01; QD07AA02; QH02AB09; QSO1BA02; QSO2BA01.

Pharmacopoeias. In *Eur.* (see p.vii) and *Jpn.* *US* allows the anhydrous form or the monohydrate.

Ph. Eur. 6.2 (Hydrocortisone Hydrogen Succinate). A white or almost white, hygroscopic powder. Practically insoluble in water; freely soluble in dehydrated alcohol and in acetone; dissolves in dilute solutions of alkali carbonates and alkali hydroxides. Store in airtight containers. Protect from light.

USP 31 (Hydrocortisone Hemisuccinate). It contains one molecule of water of hydration or is anhydrous. Store in airtight containers.

Hydrocortisone Sodium Phosphate

(BANM, rINNM) ⊗

Cortisol Sodium Phosphate; Fosfato sódico de hidrocortisona; Hydrocortisone, Phosphate Sodique d'; Natrii Hydrocortisoni Phosphas. Hydrocortisone 21-(disodium orthophosphate).

Натрия Гидрокортизона Фосфат

$C_{21}H_{29}Na_2O_8P = 486.4$.

CAS — 6000-74-4.

ATC — A01AC03; A07EA02; C05AA01; D07AA02; H02AB09; S01BA02; S02BA01.

ATC Vet — QA01AC03; QA07EA02; QC05AA01; QD07AA02; QH02AB09; QSO1BA02; QSO2BA01.

Pharmacopoeias. In *Br.*, *Jpn.*, and *US*.

BP 2008 (Hydrocortisone Sodium Phosphate). A white or almost white, hygroscopic powder. Freely soluble in water; practically insoluble in dehydrated alcohol and in chloroform. A 0.5% solution in water has a pH of 7.5 to 9.0. Protect from light.

USP 31 (Hydrocortisone Sodium Phosphate). A white to light yellow, odourless or practically odourless, exceedingly hygroscopic, powder. Soluble 1 in 1.5 of water; slightly soluble in alcohol; practically insoluble in chloroform, in dioxan, and in ether. Store in airtight containers.

The symbol ⊗ denotes a substance whose use may be restricted in certain sports (see p.vii)