

Tromantadine Hydrochloride (rINN)

D-41; Hidrocloruro de tromantadina; Tromantadine, Chlorhydrate de; Tromantadini Hydrochloridum; N-1-Adamantyl-2-(2-dimethylaminoethoxy)acetamide hydrochloride; 2-(2-Dimethylaminoethoxy)-N-(tricyclo[3.3.1.]dec-1-yl)acetamide hydrochloride.

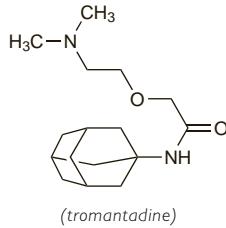
Тромантадина Гидрохлорид

$C_{16}H_{28}N_2O_2\cdot HCl = 316.9$.

CAS — 53783-83-8 (*tromantadine*); 41544-24-5 (*tromantadine hydrochloride*).

ATC — D06BB02; J05AC03.

ATC Vet — QD06BB02; QJ05AC03.

**Profile**

Tromantadine hydrochloride is a derivative of amantadine (p.792) used for its antiviral activity. It is applied topically at a concentration of 1% in the treatment of herpes simplex infections of the skin and mucous membranes (p.854).

Contact dermatitis has been reported after the topical use of tromantadine hydrochloride.

Effects on the skin. References to contact dermatitis associated with the use of tromantadine.

1. Fanta D, Mischer P. Contact dermatitis from tromantadine hydrochloride. *Contact Dermatitis* 1976; **2**: 282–4.
2. Lemby G, et al. Allergic dermatitis from Viruserol ointment probably due to tromantadine hydrochloride. *Contact Dermatitis* 1984; **10**: 317.
3. Jauregui I, et al. Allergic contact dermatitis from tromantadine. *J Investig Allergol Clin Immunol* 1997; **7**: 260–1.

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

Austria: Viru-Merz Serol; **Belg.:** Viru-Merz; **Braz.:** Herplex; **Chile:** Viru-Merz; **Cz.:** Viru-Merz; **Ger.:** Viru-Merz Serol; **Gr.:** Viru-Merz Serol; **Hong Kong:** Viru-Merz; **Hung.:** Viru-Merz; **Indon.:** Viru-Merz; **Israel:** Viru-Merz; **Ital.:** Viruserol; **Malaysia:** Viru-Merz; **Mex.:** Viru-Serol; **Neth.:** Viru-Merz; **Philippines:** Viru-Merz; **Pol.:** Viru-Merz; **Port.:** Viru-Merz; **Rus.:** Viru-Merz Serol (Bipy-Mepu Cepox); **Singapore:** Viru-Merz; **Spain:** Viru-Serol; **Switz.:** Viru-Merz Serol.

Valaciclovir Hydrochloride

(BANM, rINNM)

Hidrocloruro de valaciclovir; 256U87 (valaciclovir); Valaciclovir, chlorhydrate de; Valaciclovir hydrochloridum; Valacyclovir Hydrochloride (USAN). L-Valine, ester with 9-[(2-hydroxyethyl)oxy]guanine hydrochloride.

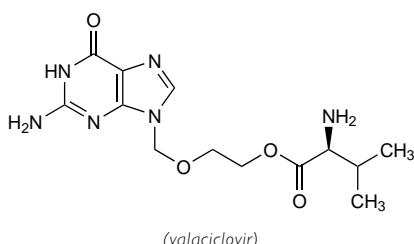
Валацикловира Гидрохлорид

$C_{13}H_{20}N_6O_4\cdot HCl = 360.8$.

CAS — 124832-26-4 (*valaciclovir*); 124832-27-5 (*valaciclovir hydrochloride*);

ATC — J05AB11.

ATC Vet — QJ05AB11.



Pharmacopoeias. In *Chin.*

Adverse Effects and Precautions

As for Aciclovir, p.863.

Breast feeding. In a study in 5 women who took oral valaciclovir 500 mg twice daily for 7 days, concentrations of the active metabolite aciclovir in breast milk were 3.4 times those in maternal serum at 4 hours after the initial dose, although the ratio declined to 1.85 at steady-state concentrations. Nonetheless, it was calculated that the amount ingested by an infant would be negligible (about 2% of a standard neonatal dose of intravenous aciclovir).

A dose of 2 g four times daily is recommended for prophylaxis of CMV infection in renal transplant recipients;

prophylaxis should begin within 72 hours and is usually continued for 90 days.

Doses of valaciclovir may need to be reduced in patients with renal impairment (see below).

References

1. Shefield JS, et al. Acyclovir concentrations in human breast milk after valaciclovir administration. *Am J Obstet Gynecol* 2002; **186**: 100–102.
2. Pary LF, et al. Vasculitic mononeuritis multiplex induced by valacyclovir. *Neurology* 2004; **62**: 1906–7.
3. Tyring SK, et al. Valacyclovir for herpes simplex virus infection: long-term safety and sustained efficacy after 20 years' experience with acyclovir. *J Infect Dis* 2002; **186** (suppl 1): S40–S46.
4. Corey L, et al. Once-daily valacyclovir to reduce the risk of transmission of genital herpes. *N Engl J Med* 2004; **350**: 11–20.
5. Brantley JS, et al. Valacyclovir for the treatment of genital herpes. *Expert Rev Anti Infect Ther* 2006; **4**: 367–76.
6. Fife KH, et al. Effect of valacyclovir on viral shedding in immunocompetent patients with recurrent herpes simplex virus 2 genital herpes: a US-based randomized, double-blind, placebo-controlled clinical trial. *Mayo Clin Proc* 2006; **81**: 1321–7.

Administration in renal impairment. Oral doses of valaciclovir may need to be reduced in patients with renal impairment. The following dosage reductions are suggested by the UK licensed product information according to creatinine clearance (CC):

herpes zoster:

- CC 15 to 30 mL/minute: 1 g twice daily
- CC less than 15 mL/minute: 1 g daily
- patients on haemodialysis: 1 g daily after haemodialysis
- CC less than 15 mL/minute: 500 mg daily
- patients on haemodialysis: 500 mg daily after haemodialysis
- CC less than 15 mL/minute: *immunocompetent patients:* 250 mg once daily; *immunocompromised patients:* 500 mg once daily
- patients on haemodialysis: *immunocompetent patients:* 250 mg once daily after haemodialysis; *immunocompromised patients:* 500 mg once daily after haemodialysis
- CC less than 15 mL/minute: 1.5 g four times daily
- CC 25 to 49 mL/minute: 1.5 g three times daily
- CC 10 to 24 mL/minute: 1.5 g twice daily
- CC less than 10 mL/minute: 1.5 g once daily
- patients on haemodialysis: 1.5 g once daily after haemodialysis

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

Arg.: Valtrex; Viramix; Viranet; **Austral.:** Valtrex; **Belg.:** Zeltrex; **Braz.:** Valtrex; **Canad.:** Valtrex; **Chile.:** Pervioral; Vadiral; Virtex; Virmaxx; **Cz.:** Valtrex; **Denm.:** Zeltrex; **Fin.:** Valavir; Valtrex; **Fr.:** Zeltrex; **Ger.:** Valtrex; **Gr.:** Valtrex; **Hong Kong:** Valtrex; **India:** Valviro; **Indon.:** Herdov; Valtrex; Valvir; **Ital.:** Valtrex; **Israel:** Valtrex; **Latvia:** Zeltrex; **Malaysia:** Valtrex; **Mex.:** Rapivir; **Neth.:** Zeltrex; **Norw.:** Valtrex; **Philippines.:** Valtrex; **Port.:** Valavir; Valtrex; **Rus.:** Valtrex (Баирекс). **S.Afr.:** Zeltrex; **Singapore:** Valtrex; **Spain:** Valherpes; Valtrex; Virval; **Swed.:** Valtrex; **Switz.:** Valtrex; **Thail.:** Valtrex; **Turk.:** Valtrex; **UK:** Valtrex; **USA:** Valtrex; **Venez.:** Valtrex.

Valganciclovir Hydrochloride

(BANM, USAN, rINNM)

Hidrocloruro de valganciclovir; Ro-107-9070/194; RS-079070-194; Valganciclovir; Chlorhydrate de Valganciclovir Hydrochloridum. L-Valine, ester with 9-[(2-hydroxy-1-(hydroxymethyl)ethoxy)methyl] guanine hydrochloride.

Валгандцикловира Гидрохлорид

$C_{14}H_{22}N_6O_5\cdot HCl = 390.8$.

CAS — 175865-60-8 (*valganciclovir*); 175865-59-5 (*valganciclovir hydrochloride*).

ATC — J05AB14.

ATC Vet — QJ05AB14.

