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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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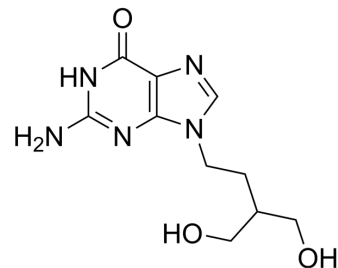
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Penciclovir (Standard)

Cat. No.:	HY-17424R
CAS No.:	39809-25-1
Molecular Formula:	C ₁₀ H ₁₅ N ₅ O ₃
Molecular Weight:	253.26
Target:	HSV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Penciclovir (Standard) is the analytical standard of Penciclovir. This product is intended for research and analytical applications. Penciclovir (VSA 671) is a potent and selective anti-herpesvirus agent with EC ₅₀ values of 0.5, 0.8 µg/ml for HSV-1 (HFEM), HSV-2 (MS), respectively. Penciclovir shows anti-herpesvirus activity with no-toxic. Penciclovir prevents mortality in mouse ^{[1][2]} .
IC ₅₀ & Target	IC50: 0.04-1.8 µg/mL (HSV-1), 0.06-4.4 µg/mL (HSV-2), 1.6-8 µg/mL (VZV), 1.5-3.1 µg/mL (EBV), 51 µg/mL (HCMV) ^[1]

REFERENCES

- [1]. M.R. Boyd, et al. Penciclovir: a review of its spectrum of activity, selectivity, and cross-resistance pattern. *Antiviral Chemistry and Chemotherapy*, 1993, (1): 3-11.
- [2]. de la Fuente R, et al. The acyclic nucleoside analogue penciclovir is a potent inhibitor of equine herpesvirus type 1 (EHV-1) in tissue culture and in a murine model. *Antiviral Res.* 1992 May;18(1):77-89.

Caution: Product has not been fully validated for medical applications. For research use only.

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